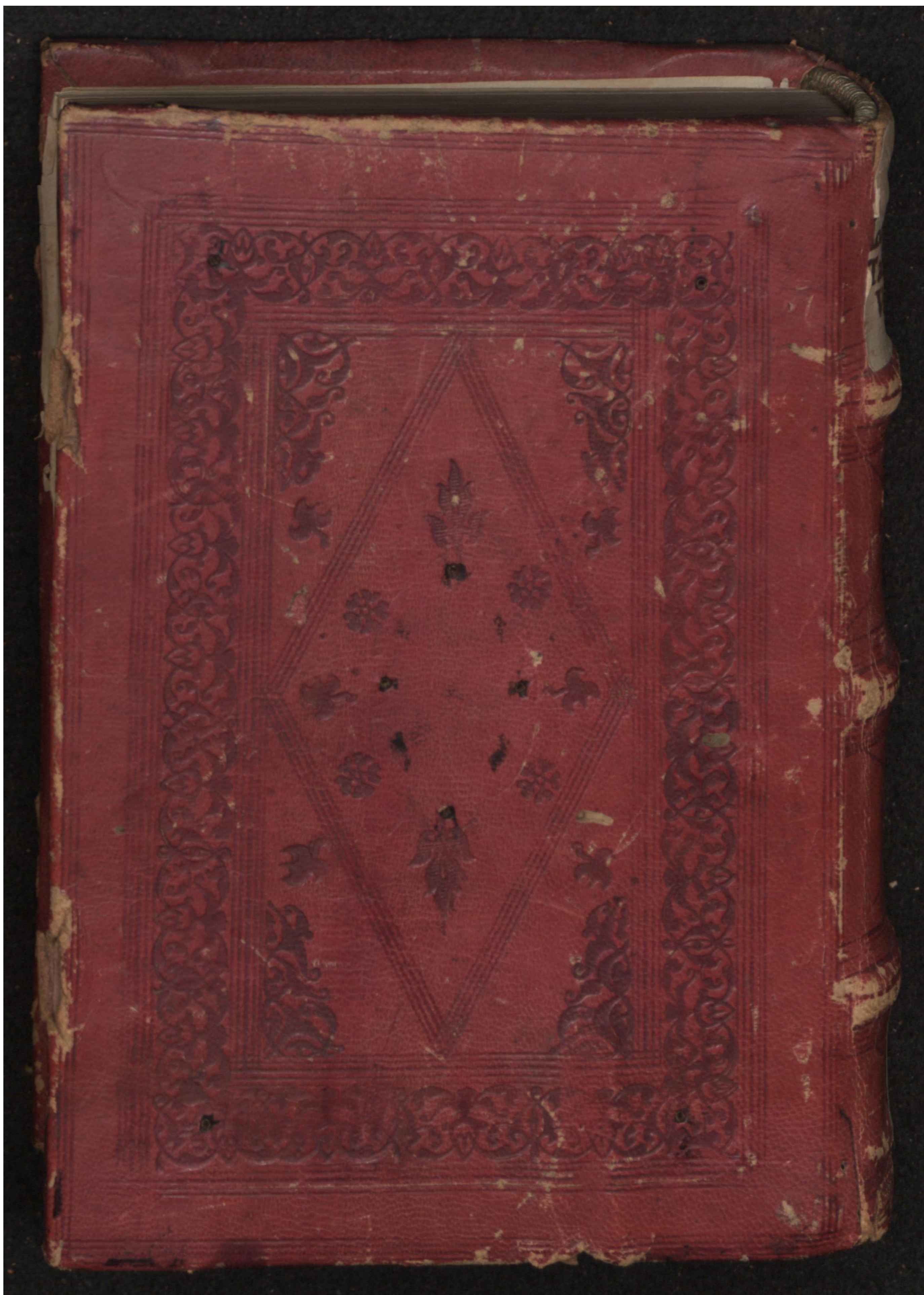
Tabule Blanchini

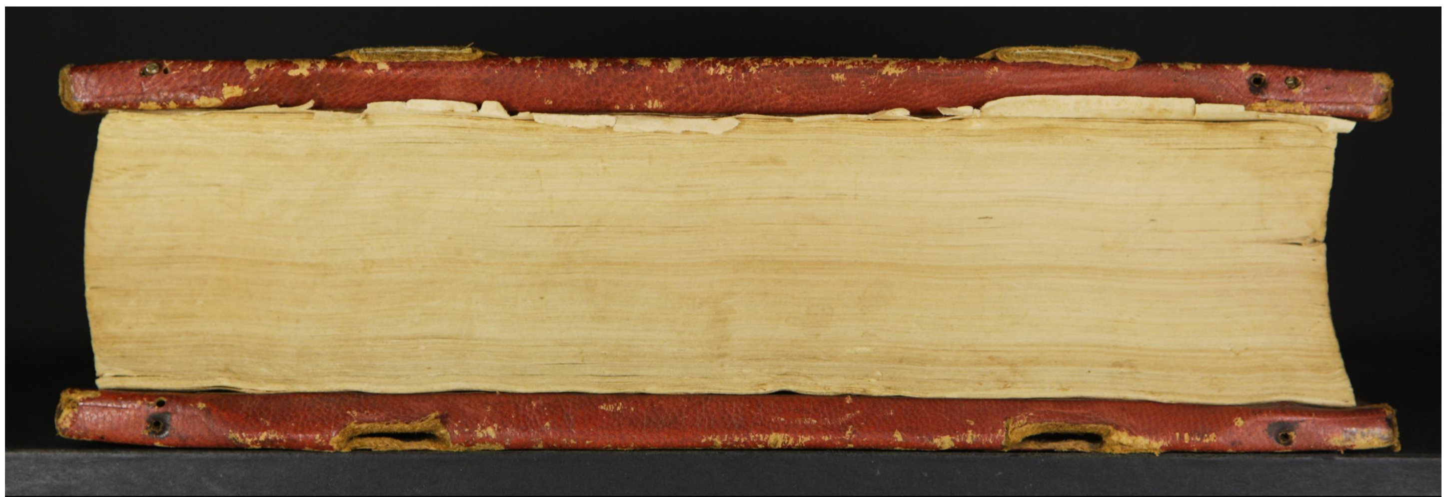
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XX
Ioan. BLANCHI
Tabul Astrolog
Venet. 1495.
INCUNABULI
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Biblioteca Nazionale
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XX 6

Joan. BLANCHINI.
Tabul. Astrolog.
Venet. 1495.

Tabularum Joannis blanchini canones

¶ Augustinus Moravus Olomucensis Jurispon. atq; artiū doctor Andree stiborio Canonico Olomucensi Auunculo suo Salutem plurimam dicit.



Quantum reipublice litterarie profuerit: recens imprimendorum ca/
racterum inuentum: Andrea Stibori amice beneficentissime: etiam
si aliorū testimonia desint vnicus nobis Joannes blāchinus testimo
nio euidentissimo existit. Qui quum antehac paucis admoduz cogni
tus eēt quibusq; solis tanq̃ in edem quandā minerue introspicere li
cuerat: nunc diuina ista industria: modica stipe: cuilibet familiaris esse valcat & p
prius. Quod si eruditis illis priscoꝝ tpibus obtigisset. Non Liuii lacteam facun/
diam: non Salustii mirā cum venustate breuitatē. Non Curciū: Trogum: Ta/
citum: Plautum. Ex nostris quoq; astrologis Theogenem Antonium Mu/
sam Albucium Rubrium aliosq; sexcentos desideraremus. Uiuerent adhuc cō
missi calores. Galli: non tantum Lesbiam suam (si quis apud iferos est sensus)
indoleret Catullus: que tñ modo vel manca conspicimus omnia: vel suis & ipsa
fatis intercepta. Quod si apud egyptios mercurius q: litteras inuenit: diuinus
existimatus est. Phidon argiuis q: pondera reperit & mensuras. Gyges Lydi
us: quia picturam apud egyptios inuenit. Quis hunc diuinum non existimaue/
rit: qui tam stupendum mortalibus opus reseruauerit primus vt mihi non mi/
nus vere q̃ festiue lusisse videatur: is qui nuper carmine elego hanc rez emodu
latus est. Tingere dispositis chartas quicunq; metallis Cepit: & insignas edidit
arte notas Mercurio genitore satus: genitrice minerua. Preditus etheree semi
ne mentis erat. Non illum Cereris non illum cura liei. Terrene tenuit non opis
vllus amor. Copia librorū cupidis modo rara latinis Quum foret: auspiciis illi/
us ampla venit: Improbus innumeris librarius ante talentis: Quod dabat exi/
gua nūc stipe vendit opus. Historie venere titi: se plinius omni Gymnasio ia/
ctant tullius atq; Maro. Nullū opus (o nostri felicem tpis artem) Celat in ar/
chano bibliotheca sinu. Quē modo rex: quē vix princeps modo rarus habebat:
Quisq; sibi librum pauper habere potest. Neq; id iniuria sane. Nihil.n. equius
Nihilq; diuinius quā qd in cōem oīum vsum comparatum est: nō priuato vni
us aut alterius peculio: sed omnium passim cōmodo exponi id quod de Blan/
chino etiam nostro ꝓuidimus in primis. Qui dum priuatis quorundam scriniis
contineretur: paucis admodū quos res astronomica delectat cognitus: cū in eo
peruestigandorum celestiū motuum mira esset facilitas: rerūq; earū amena que
dam & inaffectata facies: nullius opere precium videbat: nisi diuina hac arte ita &
ipse prodiret: vt multorū vsui accōmodaretur. Quod ipsum cuius potius auspi
ciis fieret q̃ tuis: qui diuinaruz humanarūq; rerū peritia illustris in his discipli
nis (quas mathematicas greci appellant) ita etiam emineas: vt tibi in iis compa
res paucos: superiorem vero non facile inuenire possimus. Quarū quidē quāta
vel prestantia sit/vel dignitas: vel Socratem ipsum apud platonem audiamus.
Animaduertisti inquit eos qui natura mathematici sunt: ad omnes fere discipli/
nas acutiores apparere. Qui autem ingenio hebetiore sunt: si in hac erudiantur:
etiam si nihil amplius vtilitatis assequantur: seipsis tamen ingeniosiores effici so/
lere. Que enim difficiliorem addiscenti cogitātiq; laborem ac curā inferat: nō faci
le vllā ex rōib⁹ ꝑter hāc iuenies. Et alio in loco: mathematicā nō parū ad dei de/
monumq; cognitionē necessariam affirmat. Tu igitur qui in ea summa aliq̄n cū
laude versatus es: hoc gratitudinis mee pro innumerabilibus tuis in me benefi



clis pignus firmissimū agnosces. Itaq; blāchini nouā hanc editionē excipies: vt
ex ea studiosi omnes: tibi cuius auspicio ꝓdiit: se perpetuo debere fateant.
¶ Vale ⁊ Augustinum tuū sicuti facis ama. Ex gymnasio patauino. kalendis ia/
nuariis. 1495.

¶ Christianissimo Imperatori Federico tertio: ro
manorumq; regi semper augusto: Austrie ⁊ Sci
rie duci ⁊c. Joannes blanchinus factor generalis
Illustris principis ⁊ excelsi domini domini borsii
Mutine ⁊ Regii ducis estensis Marchionis ro
digiiq; comitis ac Ferrarie domini ⁊c. se humili/
me commendat.



Um nuper maiestas tua Serenissime Cesar ꝓprio ore
ex me fidelissimo seruulo quereret si qd i astrologic cal
culo cōfecissem: cuius te participem fieri maxime optas
animū vehemēter accendisti: cum te ipsius astrologie di
sciplina delectari cognouerim cuius auiditas eius artifi
cii studiū meū auxerit. Proinde deo meo gratias ago
qui vt in ea scientia otium vigilias operamq; cōsume/
rem ꝙ̄ tue serenitati placere possent sua prouidentia mi
hi cōcessit: ⁊ ingenioli mei opus ⁊ munusculū: vt facis
benigne acciperes. Gloriari ēt potest ipsa astrologia ꝙ
tantum tanq; gloriosum inuenerit cōtemplatorē: qui cum Romani ductor impe
rii: ⁊ christiani nominis imperator existas ei splendorem ⁊ dignitatem maximaȝ
affers pro tue discipline desiderio. Tante enim artes haberi solent: quāti sūt eaꝝ
cultores. Non enim ignoras princeps sapientissime ꝙ̄tus hominibus sit astrolo
gie fructus. Nam cū deus omnipotens omnia humanis vsibus creauit: quis est
qui nesciat motus stellarum ⁊ celestiū tp̄a: cursus: naturas: ꝓprietates rebus no
stris vtilitatem adducere: ne aliquid improuidi nos cogitaremus: ⁊ faceremus.
Itaq; superiorum notitia nobis monstrata est: que ꝯsilioꝝ vias ⁊ ratiōes demō
strat: ventos: pluuias: vbertatē: sterilitatē: morbos: sanitatem: bella: pacem aperi
at. Inde factum est vt subditorū cōmodis: populorum factis: regni negociis ꝓui
dere possis. Itaq; prefati illustris principis ⁊ domini domini mei ducis Mar/
chionisq; ⁊ comitis iussu ⁊ exhortatione ductus: hoc opusculum tue maiestati di
cauī multis ante annis inchoatū. In eo continentur planetarum tabule ⁊ alique
additiones: quas post tue serenitatis ad vrbem Romā discessum tua causa nuꝑ
adiunxi. In eodem opere planetaꝝ motus: ⁊ omnia illoꝝ accidentia ad iudican/
dum necessaria facillime cognosces. Cōprehendes etiā tp̄a earum rerum que ꝑti/
neant cōsiliis pacis ⁊ belli. Expectabis preterea aliud de primo mobili opus: qđ
vt absoluerem: ⁊ illud maiestati tue dicarē verbis tuis etiā atq; etiā iniunxisti mi
hi. Accipies.n. vbicunq; tua serenitas erit: per qđ errores multorum emendari
poterunt: quos eius rei imperiti in calculādo perpetrāt. Resq; plurimas a supi
oribus magna ꝯfusione descriptas politissimis rationibus aperiam. Omniūq;
tabulas vsq; ad operationes cōponā. Ubi multi sic difficiles ⁊ obscuras ad ope
randū doctrinas edidere: vt ab multis imperitis omisse sint. Qua in re ⁊ docto/
rum hominum correctioni: ⁊ precipue Joannis pragensis viri acutissimi atq; do

ctoris peritissimi iudicio meipsum subiicio. ¶ Donum itaq; suscipies benignissime Cesar: parum certe: sed ab animo magno & tibi deditissimo proueniẽs. In qua re deum immortalem in accipiendis supplicantiũ oblationibus imitaberis q paucula thuris grana a deuota mente oblata benignissime accipit. Tu quoq; maxime Cesar si doctos fouebis studia & disciplinas augeri videbis: & in eis nomen immortale fieri: felix valeat tua Serenitas: cui me humilis cõmendo.

¶ Joannes Blanchinus: Illustrissimo Principi Domino Leonello Marchioni Estensi. Salutem plurimam dicit.



Onsideranti mihi diue Leonelle: & principatum tuum intentissima cogitatione contemplanti naturam Solis nature persimilem ille quidem multis in rebus habere videtur. Sol enim: vt est dux omnium atq; princeps: & (vt phisici dixerũt) mens mundi: & procreandarum omnium rerum auctorita medium celi obtinet locum: & luminis sui moderatione: ceterarum stellarũ ac syderum ignes perpetuos reddit: quibus varias in elementa vires impartiens: animatorũ omniũ generationem corruptionemq; pagit. eosdemq; per aspectus nunc fortes (eorum vires augens) efficit: nunc minuens imbecilles. Cuius rei causa modo caliditatis: modo siccitatis: contraq; modo frigiditatis: modo humiditatis effectrices astrorum operationes: intuentibus latissime patent. Sol inquam bonorum omnium ac malorum: pacis ac belli certissim9 auctor est. Cum soli placet sydera que eum celeriter tanq̃ fugientia percurrũt ab eo pretereuntur celeritate mirabili. Eademq; preterita: cursumq; tardãtia: & imperium suum quodammodo renuentia: vi sua ac potestate vel inuita trahuntur: vel (si id forte maluerit) longe post se relicta pignora: illa quidem ac retrorsũ cadentia efficiuntur. Deniq; quemadmodũ luna que in vltimo orbe sita: terre globo proxima est: maris aquam suapte natura ad se trahere dicitur: quam ad motum ipsum supra terram certis temporum interuallis per accessum ac recessum excrescere ac minui cogat. Ita Sol maxime inter omnia sydera cõspicuus atq; elucens: aspectus sui spacio: idest ꝓpinquitate vel longinquitate: reliquorum luminum motus regit ac moderat: que pro cuiusq; ortus occasusq; varietate varios operantur effectus. Quibus rationibus adducti gentiles: omnia deorũ nomina soli conuenire dixerunt: varius eius effectus pro variis accipiendos eẽ numinibus existimantes. Tu vero princeps optime dei omnipotentis benignitate imperio tuo subiectam mediam sexti climatis possides regionem. In cuius fere medio hec noua alioquin ante alias splendida atq; opulenta vrbs sita est. quam Ferrariam appellant. In qua maiorum tuorum secutus exemplum optimo prudentissimoq; consilio tibi Regiam constituisti: vt ex ea videlicet tanq̃ e media sede vniuerse oculis tuis circũiecte regioni facillime: quasi vno oculorum circũ intuitu ꝓuidere possis. Consilia ac cogitationes tuas ad tuã tuorumq; vtilitatẽ: tanq̃ radios quosdam mentis ac rationis vndiq; intendens: vndiq; diffundens. Hanc tam optimam atq; consilii plenam rationem duo maxima ac prestantissima munera naturali quodam ordine sunt secuta: que dignitatem ac potestatem tuam facile admodum declarant. Primum enim omnia que in principatu tuo vel consultanda vel agenda sunt: ad te tanq̃ ad autorem omnium referunt. Deinde eadem illa prudenter consultata: abs te ad ceteros proficiscuntur. Quib9 ex

rebus ſit vt tu vnus atqȝ idem pꝛimū rectis veriſqȝ cōſiliis omnia moueas. De
inde iuſtis actionibus: ⁊ foꝛtiter ac moderate factis: eadē ſemꝑ agas ac modere/
ris. Cum aūt oēs tuas ciuitates iuſte ſancteqȝ gubernes: ⁊ ī maximis grauiſſimiſ
qȝ italie bellis ac motibus: pacis eas ⁊ quietis cōpotes facias: tū vel maxime pꝛe
cipuā quandā huius ciuitatis curā geris. Quā cum pulcherrimis edificiis ſtru/
ctam atqȝ oꝛnatam: ⁊ q̄ꝫ plurimis ⁊ nobiliſſimis ciuibus atqȝ opibus refertā. ⁊
optimis ac ſanctiſſimis moꝛibus inſtitutam videres: ne quid ei ad bene viuendū
deeſſet: doctrinis quoqȝ oīum rerū: que cognitione digne haberent̄ eam excole/
re atqȝ expolire decreuiſti. Itaqȝ nunciis ac litteris per omnem italiā atqȝ etiam
extra italiam abs te miſſis: clariſſimiſqȝ tū ciuilis: tum pōtificii iuris doctoꝛibus:
Medicine quoqȝ ⁊ oīuȝ bonarū artiū magiſtris ad hāc ciuitatē magna mercede
ꝯductis: Grecarū etiā litterarū pꝛeceptoꝛibꝰ vocatis: hic oīuȝ diſcipliarū gymna
ſium ⁊ officinam tanq̄ꝫ nobiliſſimā academia eē voluiſti. Quo iam pꝛidē nō mo
do ex omni Italia ac Sicilia: verum etiā ex transalpinis gentibus ſtudentium: ⁊
eiuſmodi diſciplinis īſeruientium ingēs numerus ꝯfluxit. Quos tu pꝛimum oēs
⁊ letiſſimo vultu ⁊ verbis ſuauiſſimis ſuſcepiſti. Deīde ciues tui: qui tibi magno
pere placere ſtudent: veſtigia tua ſequentes: incredibili ſunt caritate cōplexi: eos
non ſolum honoꝛificentiſſimis dictis: ſed factis etiā officioſiſſimis ac liberaliſſimis
ꝓſequentes. Quam quidē rem cum ego paſſim ſūmo ciuium ſtudio ab omni/
bus in dies magis ac magis fieri viderem: me vero ciuem tuum eē nō ignoꝛarē
⁊ eum ciuem qui ab ineunte fere etate ſemꝑ in tuis rebus gerendis atqȝ admini/
ſtrandis me exercuerim: pluriaqȝ atqȝ immoꝛtalia beneficia e tua benignitate re
ceperim: ita vt honoꝛum meoꝛum ⁊ facultatū initiū mihi ⁊ finis fueris: ne tot tā/
toꝛumqȝ beneficioꝛum īmemoꝛ viderer: officii mei eē putaui: me quoqȝ aliquid
bñficii ad tui nominis gloꝛiam in hoc ſtudiū cōferre. Inter meas igit̄ occupatio
nes: quas tu mihi iam longo tꝑe (erario tuo me pꝛeficiens) iniunxiſti leuandi ac
reficiendi animi cauſa. (Nam hec aſtrologica neſcio quo pacto ſemꝑ me magno
pere delectarunt) per interualla quedā me ad calculū aſtronomie: perhenni qua
dam ratione cōſtituendum ſcribendūqȝ ꝯtuli. Nō ꝙ is nullus extaret: ſed ꝙ ani
maduerterē eos qui nunc in hunc vſqȝ diem aliquid de calculādi ratione ſcrìpſiſ
ſent aut longioꝛē ingreſſos viā: immenſam ꝑficiendi ſpacii laboꝛē calculātibus re/
liquiſſe: aut ſi qui breuius ſcripſiſſent: neqȝ plenā huiꝰ artis doctrinā neqȝ totius
tēpoꝛis rationē cōpꝛehēdere potuiſſe. Hoc igit̄ opus ad finē diebus his ꝓximis
deductū tuo nomini Pꝛinceps optime ac benigniſſime deuoueo: vt oēs itelligāt
me quidē oēs meos laboꝛes ac vigilias ꝓ immoꝛtalibus tuis in me bñficiis ad te
tanq̄ꝫ ad oīum bonoꝛū meoꝛū auctoꝛē referre ſtatuiſſe. Tu vero is ſis: qui illud
(ſi ſapiētie tue videbit̄) in apertū referendū: atqȝ iis qui celeſti diuineqȝ mathe
os ſcientie ſunt dediti: cui laboꝛ noſter inſeruit edendum iubeas. Quod ſi foꝛte ali
quid huic operi deeſſe videbitur (quod ⁊ ego inficias non eo) ⁊ nemo mirari dȝ
pꝛeſertim qui ſciat q̄ꝫ hoc bꝛeui tempoꝛe cōſcripſerim: tamen illud quoqȝ quicqd
eſt a me iam pꝛidē excogitatum: nuper vero etiam inchoatum bꝛeui me cōfectu/
rum ⁊ ad tuā dominationē miſſurum polliceoꝛ. Uale.

¶ Tabule Jo. Blanchini celestium motuum et
in eas canones incipiunt sidere felici.



Tholomeus qui merito illuminatoꝛ diuine artis astrologie vocari pōt: suo libꝛo Almagesti geometrice demōstrādo certas d' sinu ⁊ arcu tabulas cōposuit: cū quibus illustrauit pa/
riterq3 declarauit mot⁹ oēs celi sperarū. s. septē pl'tarū
stellarūq3 fixarū gnāl'r in lōgitudine sicut i latitudīe cer
tos psupponēdo terminos locoꝛū stellarū p Abꝛachis
eius pcessoꝛē circa annos. 300. añ notatos: quos suo tpe
nouiter cū suis armillis ꝯsiderādo ex eoꝛū differentia
respectu pteriti tpis verū eoꝛū motū cognouit: ⁊ p geo
metricas figuras demōstrādo certas cōposuit tabulas
p ver' motib⁹ stellarū ꝯueniēdis sicut i. 13. dictiōib⁹ pallegati libꝛi sbtilissime vide
ri pt: cui successit thebit q motū octaue spe suo tpe ꝯtēplādo ex differētiis locoꝛū
stellarū fixarū cū tpe adequādo ꝓut ptho. affirmauit motū. 8. spe supꝛa. 9. i cētū
ānis ab occñte i oꝛiētē gradū vnū pagrare. Ipsi vo visū ē i ānis. 66. tpe sue ꝯside
ratiōis vno gradu moueri ⁊ de sua certificatiōe ñ dubitādo nec credēdo tā sapiē
tissimos viros: ⁊ subtilissimos iuestigatores ꝓut fuerūt ptho. ⁊ abꝛachis errasse: s3
supponēdo illoꝛū quēl3 suo tpe vitatē cognouisse p ꝯñs iuestigādo cognouit mo
tū octaue spe eē diffoꝛmē aliqñ. s. velocē ⁊ aliqñ tardū ⁊ sbtilissima machinatiōe i/
uenit motū capit' ariet' ⁊ libꝛe octaue spe circa caput ariet' ⁊ libꝛe none spe a me/
ridie i septētrionē p quēdā pnū circulū cui⁹ cētrū sub eqnoctiali fixū ē circūuolui
quē motū accessiōis ⁊ recessiōis octaui circuli appellauit supponēdo dclinationē
ipsi⁹ pui circuli medietat' diametri ab eqtoꝛe. g. 4. m̄. 18. sa. 43. Postea successe
rūt algazel albategni ⁊ alii mlti q variis ꝯsideratiōib⁹ iducti mutatis terminis fū
damētoꝛū varias cōpꝯsuerūt tabulas ꝓut fuerūt tabl'e toletane ⁊ alie mlte q̄ tā i
motib⁹ q̄3 i eqtionib⁹ nōbl'r a tabl'is ptho. discrepāt ex qbus fuit Almeon Almā
soꝛis q p machinationē sbtilissimā spāl'r refoꝛmauit declinationē iustissimā zodia
ci q̄ p ptho. dephēdit eē ab eqnoctiali. g. 23. m̄. 51. Almeō vo iuenit ipsā eē. g. 23.
m̄. 33. sa. 30. ⁊ ista dicit eē vioꝛ. Nouissime vo floꝛuit Illu. rex Alphō. q cū istru
mētis demōstratiōib⁹, calculisq3 nouit coꝛrexit ⁊ ifoꝛmauit atq3 denuo cōposuit
tabulas ad iueniēda va loca pl'tarꝫ stellarꝫ fixarꝫ ⁊ coꝛrigēdo q̄3titatē decl'onis pui
circuli dferēt' capit' ariet' ⁊ libꝛe. 8. spe decl'onēq3 zodiaci ab eqnoctiali refoꝛmā
do ⁊ tminos locorꝫ pl'tarū ⁊ stellarū fixarū q p pñtes tabl'as tminati erāt p lineā
exeūtē a cētro tre ⁊ trāseūtē p cētra pl'tarū applicātē vo ad tminos zodiaci. 8. spe
Ipse vo refoꝛmādo radices ⁊ modos opādi tminauit va loca pl'tarū p lineā ex/
eūtē ⁊ transeuntē vt supꝛa s3 applicantē ad terminos zodiaci none spere. Itē dcla/
rādo ⁊ coꝛrigēdo tpa reuolutionū pl'tarū: ⁊ suoꝛū circuloꝛū Loca vo augiū eoꝛū
⁊ distātias cētroꝛū suoꝛū deferētiū a cētro mūdi mot⁹ ēt ac diametri epicycloꝛū q
p ptho. thebit algazel albategni ⁊ alios mltos variis ꝯsideratiōibus eoꝛū tpib⁹
diuersimode notati erāt. Ipse vo ex suis vis ⁊ nouissimis ꝯsideratiōib⁹ oīa ad
verā declarationē reduxit ⁊ tabulas suas vaciter cōposuit tā in mediis motibus
planetarū q̄3 in equationib⁹ eoꝛū cōponēdo motus ēt octaue p motū augiū ⁊ stel
larum fixarū atq3 per motū accessionis ⁊ recessionis octaui circuli cū eqtiōe ꝯde/
cēti: ⁊ declaratis terminis radicū fūdamētaliū ꝓsequēdo suas cōposuit tabl'as s3

doctrinas certissimas ꝑ ptholomeū descriptas in preallegato libro Almagesti: ⁊
ad earum operationes canones cōposuit docētes modū opandi que operatiōes
illis quibus regule arithmetrice ⁊ geometrice sunt incognite aliquantulū tediose
videntur: ⁊ facile operando in calculo cōmittitᵉ error.
Xaminauit etiā ptholomeus in prenominato libro dictione decimatertia motus quinqȝ planetarū triū.s.superiorū: Mercurii etiam ⁊ ve/
neris in latitudine ⁊ ꝓsupponēdo circulorū suorū declaratiōes adinui
cē.s.ab ecclyptica distātiā ꝯt terminorū altiorū eorū latitudine ad qua/
slibet eorū lōgitudines: idest ad eorū auges. Notādo etiā reflexiones diametrorū
epicyclorū respectu solis. Ultimo suas cōposuit tabulas cū doctrina opandi ⁊ ꝓ
mo de tribus superioribus docet inuenire latitudinē.s.septuplē ⁊ meridionalē ⁊
ex declaratione orbis egredientis centri ab ecclyptica ⁊ orbis reuolutiōis siue epi
cycli a superficie orbis egredietis centri. secundo de duobus inferioribus docet la
titudines inuenire primā ex declinatione epicycli a circūferentia deferentis. Secū
dā ex reflexione diametri epicycli respectu solis distātie. Tertio ex deuiatione de
ferētis ab ecclyptica. Ex quibus tribus latitudinibus colligitur sola centri plane/
te latitudo in ꝑte septētriōis siue meridiei ab ecclyptica q̄ doctrina ꝯt videtᵉ labo/
riosa ⁊ difficilis operādo: nec ab aliquibus iuenio in aliqua parte fuisse correctaȝ:
sed bene corruptā. Sed hoc accidit ex defectu ignorantie sue seu scriptorū ignorā
tia. Uidi etiā certas tabulas ꝓ faciliori modo operādi in aliā formā redactas: ⁊
cum aliis regulis opandi que a veritate notabiliter discrepāt ⁊ maxime in vene
re ⁊ mercurio a fundamentis ⁊ radicibus ptholemei omnino discrepantes nota
biliter in fundamētis deficiūt.
Js ꝑ me visis ⁊ cōsiderādo multos cōpositores doctos pariter ⁊ in/
doctos multas ob suas opiniones cōposuisse tabulas seu translatasse
ad iueniēdū planetarū loca tā in lōgitudine q̄ȝ in latitudine ex quo mlᵗ
te tabule in diuersis locis corrupte inueniuntur tā ex defectu cōposito/
rū q̄ȝ ex imperitia trāslatorū qui a tabulis veteribꝰ toletanis seu ab aliis similibꝰ
ab Alphonso postea vel ab aliis modernis correctis: ⁊ in verioribus opationibꝰ
reformatis copiā traxerūt ob quā cām multi opatores postponēdo ꝓpter diffi/
cultatem opandi tabulas Alphōsi ꝓ lōgitudine ⁊ tabulas ptholemei ꝓ latitudi
ne planetarū inuenienda cū eorū doctrinis calculādo a veritate discrepāt: ⁊ ꝑ ꝯñs
iudicia q̄ ex eorū calculis sūmuntᵉ nō recte sȝ cōtra veritatē ꝯcludunt. Et ita ars
nobilissima astrologie ab iperitis vitupatᵉ ⁊ quasi derelicta ꝓstrataqȝ iacet. Qua
re ego nō vt presumptuosus in corrigendo: sed vt fidelis in affirmādo vera fun/
damēta ⁊ radices ꝓcessorū: ⁊ specialiter ꝯiūctiōes ꝑ iā dictū regē illustrissimū Al/
phōsium in motibꝰ planetarū i lōgitudine affirmatas: ⁊ ꝑ sapiētissimum ptholo
meū in.13.dictione almagesti in latitudine. Sup quibus fūdamētis ⁊ terminis cū
regulis ptholomei cum quibus etiam Alphonsius opatus est meas etiam com
posui tabulas per quas cum facilima opatione iuenitᵉ motus octaue spere ⁊ per
ꝯñs stellarū fixarum supra nonā. vera loca planetarū ⁊ auges eorū ꝑ longitudi/
nē scȝ ⁊ latitudinē: eorū etiā stationes retrogradationesqȝ ⁊ directiones ⁊ conti
nue eorū distātie a sole. vere ꝯiūctiones ⁊ oppositiones luminarium: ⁊ alie multe
eorum differētie q̄ ex eorū motibꝰ ꝯcurrūt i calculo: sicut ĩtuctibꝰ eas videri pōt
Os igitᵉ cupiētes ad ꝑfectionē iudicialis artis ꝑuenire: ⁊ circa verita/
tē de futuris ꝯtingētibus ꝓnostocari: ⁊ fundamēta radicalia: loca sceł
cet planetarū ꝯiunctiones ⁊ aspectus eorū adinuicē veraciter calcula

re sine quib⁹ frustra in iudicādo laborat̃: si faciliter fundamenta hec habere vo/
lueritis familiariter cum tabulis meis cõuersamini: quarũ operationes ꝑ subse
quentes canones demõstrabo: ⁊ cũ claris exẽplis licet aliquantulũ ꝓlixe: narrati
onem extendã ex maiori operãtium declaratiõe: illis tñ breuis ac facillima videbi
tur operatio qui ꝑ canones cũ exẽplis ad verã ꝯclusionẽ ꝑueniẽt. In qua quidem
ꝯclusione cognoscẽt calculũ cõcordare ac si cũ tabulis alphonsii fuissent opati quo
ad loca septẽ planetarũ in lõgitudine. In latitudine vero ac si cũ tabulis ptholo/
mei calculassent nec in eis sensibilis erit differẽtia. Et vt istud manifeste appareat
in fine tabularũ dño ꝯcedente breuissimas quasdã cõponã tabulas ꝑ quas doce/
bo totũ reducere calculum istarũ tabularũ ad calculũ ꝓprie tabularũ alphonsii
cum mediis motibus centris argumẽtis ⁊ equationibus ⁊c. ꝓut per alphonsii
tabulas calculat̃. Silr̃ ⁊ alias cõponã tabulas ad inueniendũ cũ cẽtris ⁊ argumẽ
tis latitudines planetarũ: ad hoc vt si per errorẽ scriptorum vel ex defectu meo si
aliquando ex operandi velocitate manus discurreret in scribendo vnum nume
rum ꝓ alio cũ istis tabulis leuiter corrigi possit: ⁊ si opus fuerit denuo ipsas con
stituere. Rogo igit̃ pariter ⁊ exoro omnes ad quorum manus tabule iste dene/
nerint ꝓ merito meorũ laborũ quos ꝓ ipsorũ vtilitate ipsas cõponẽdo sustinui si
aliquando in ipsis errorẽ aliquẽ inuenerit ipsũ, fideliter corrigant.

D intelligentiã aũt operationũ ⁊ declarationẽ terminorũ fundamẽta
lium ipsarũ dico ꝙ radices ex quibus in ipsis denotant̃ tpa: ꝑ annos:
menses: dies: horas: ⁊c. intelligant̃ anni: menses: ac dies: quibus chri/
stiani ac sancta eccl'ia vulgariter vtunt̃. Anni vꝫ solares ex dieb⁹. 365.
⁊ quarta parte vnius diei quorũ tres primi solũ ex. 365. diebus ꝓ quolibet nu/
merantur qui nõ bisextiles dicunt̃. Quartus vero ex. 566. diebus cõpõitur: ⁊ bi
sextilis nuncupat̃. ¶ Principiũ anni a kl'is mẽsis ianuarii sicut ab ecclesia traxi:
finis vero die vltimo decembris. ¶ Nomina dierum ⁊ mensium denominaui i
quolibet anno s̃m ꝙ per eccl'iam cõponunt̃. ¶ Principium aũt diei itelligit̃ ho
ra meridiei diei precedentis. Radices christi colligunt̃ a natiuitate christi. Mot⁹
seu locus ꝑ signa. g. m̃. ⁊ s̃a cõstitutus intelligit̃ s̃m regulã Alphõsii signa phisi/
ca: idest quodlibet signũ ex. 60. gradibus cõpositum: ⁊ qlibet gradus ex. 60. mi
nutis ⁊ qõlibet minutum ex. 60. s̃a: ⁊ sic successiue ⁊ ꝑ ꝯñs sex signa totũ circulũ
ꝑficiunt. Radices etiã motuũ seu locoꝝ ad meridianũ felicissime ciuitatis ferra/
rie ⁊ per ꝯñs bononie sexti climatis intelligant̃: cuius longitudo ab occidente ha
bitato. 32. g. esse metitur. Eleuatio autem poli. 45. g. eẽ dicitur. Uera loca plane/
tarũ intelliguntur ĩ nona spera ꝑ lineã rectã exeuntẽ a centro terre ⁊ transeuntem
per cẽtrum planete seu stelle: applicantẽ terminos ad nonã sperã: latitudo plane/
te seu stelle intelligit̃ distãtia cẽtri corporis ipsius ab ecclyptica ꝑ arcus transeun/
tes per vtrosqꝫ polos zodiaci ⁊ per centrũ planete seu intersecantes ecclypticaꝫ
⁊ ab ea intersecati ad angulos rectos sperales: quoꝝ portio a pũcto intersectiõis
planete ad punctũ tangentẽ cẽtrũ planete seu stelle dicit̃ latitudo. ⁊ si latitudo hec
ab ecclyptica fuerit versus polũ arcticũ seu borealẽ septẽtrionalis dicit̃. Si v̾sus
polũ antarcticũ seu australẽ declinat meridionalis dicit̃. Declinatio aũt dicit̃ vel i
telligit̃ distãtia ab equinoctiali ꝑ arcus transeuntes ꝑ polos mũdi intersecãtes cir
culũ equinoctialẽ ⁊ ab eo intersecati ad angulos rectos sperales. Elõgatio plane/
te ad solẽ dicitur distãtia centri corporis planete a cẽtro solis ꝑ gradus equales zo
diaci: ⁊ qñ lõgitudo dicit̃ esse solis dicit̃ distantia planete ad solẽ. Sed qñ lõgitu/
do dicit̃ eẽ planete intelligit̃ distãtia solis ad planetã.

5

¶ De modo operandi per tabulas Joannis blanchini generaliter ad quecunq; meridianum volueris.

Si vero pro inueniendo loca planetarū seu alio mō ꝑ tabulas opari volueris ad quēuis aliū meridianū cōputa distātiā illiꝰ meridiani ad quē calculare cupis ad meridianū ferrarie: quā distātiā .g.m̄.2a ⁊c.ꝑ.15. ptire: ⁊ numerꝰ quotiēs erūt hore minuta 2a ⁊c. quas horas si meridianꝰ datꝰ fuerit oriētalior meridiano ferrarie de horis datis ad illū meridianū deme. Si occidētalior: illas adde: ⁊ qđ pꝰ additionē seu diminutionē hō.m̄.2a puenerit cū illis opare ꝑ tabulas cū radicibꝰ ⁊ motibꝰ ibi appositis ⁊ hēbis verū calculū ad datū meridianū. exempli gratia.

¶ Uolo vera loca plārū ad meridianū ciuitatis cuiꝰ lōgitudo ab occñte ē.g.40. m̄.30. die.15. iunii ibi pꝰ meridiē hō.4.m̄.37. vide igit differētiā meridiani ferrarie: q̄ ē.g.32. ad meridianū ciuitat' cuiꝰ lōgitudo ē.g.40.m̄.36. q̄ differētia est.g. illiꝰ ciuitat' meridianꝰ.g.8.m̄.30. oriētalior meridiano ferrarie q̄ differētia diuisa ꝑ.15. ꝓueniūt hō.1.m̄.34. q̄ dēpte ab hō.4.m̄.3. dat' rēanebit hō.4.m̄.3. calculabis ergo cū tabulis ⁊ earū radicibꝰ ad iueniendū loca planetarū die.15. iunii post meridiē hō.4.m̄.3. ⁊ habebis ꝓpositū. Idē ē diuidere.g.m̄.2a ꝑ.15. q̄tū ē ꝓ quolibȝ gradu ponere.4.m̄.hō. ⁊ ꝓ quolibȝ minuto.4.2a hore. ⁊ pro quolibet secūdo.4. tertia hore.

¶ Ad sciēdū numerū dierū a pͥncipio āni ad quēcūq; diē cuiuslȝ mēsis sequētis.

Numerꝰ dierū a pͥncipio āni ad quēlibȝ diē mēsis iuenire: i tab'la dierū āni bisextilis vel nō bisextilis igredere. Si annus fuerit bisextilis intra ⁊ accipe numerū dierū i directo corñdētiū mēsi imediate p̄cedēti mēsē datū: qbꝰ adde numerū dierū mēsis dati: eorū sūma erit q̄situ: vbi gratia. Quero quot dies āni erūt.17. iulii.1447. ⁊ q: ānus nō ē bisextilis in tabulā annorū nō bisextilium intro ⁊ inuenio in directo mēsis iunii imediate p̄cedētis dies.181. quibus addo.17. iulii ex eorū sūma fiēt dies.198. qđ ē ꝓpositum.

¶ Locum augium cōium octaue spere in nona inuenire.

Cum locū augiū octaue spere in nona inuenire volueris certū tp̄s tibi noto pͥmo ꝯsidera vtrū tp̄s datū sit post natiuitatē christi vel aň ⁊ q̄ti tatē annorū ⁊ dierū. Si aň: illis adde annos.15. dies.137. Si vero tp̄s datū fuerit post natiuitatē christi subtrahe ānos.15. dies.137. ⁊ qđ pꝰ additionem seu subtractionē ꝓuenerit erūt āni ⁊ dies equati cū qbus tabulā veri motus octaue spere igredere q̄rēdo i lineis ānorꝫ eiusdē numerū vel minorē ꝓpinquiorē. ⁊ qđ i directo iueneris de.s.g.⁊.m̄. erit verus locꝰ augiū i nona spa: si tp̄s cū quo opatus es fuerit pꝰ christū. Si vero fuerit aň christū illa.s.g.m̄. de.6. signis deme: residuū vero erit quesitū. Si āni cū qbus itrasti supessent ānis tabule: superationē illorū ꝑ motū i anno imediate i tabulis sequētē mlřiplica ⁊ ꝓductū adde loco iuēto si motus erit directꝰ: vel ab eo deme si fuerit retrogradus: ⁊ silr̄ si tibi remāserint dies: quos si excedēt medietatē āni pone ꝓ vno āno. si paucíores fuerit vno āno dimitte: q: ex tardo motu octaue spere nō ē de ipsis curāddū. ⁊ qđ pꝰ additionē seu demptionē ꝓuenerit erit quesitū.

Nota etiā qꝛ si āni dati post christū fuerint pauciores.15. ānis: ⁊ diebus 137 q: ab ipsis ñ poteris subtrahere ānos.15. dies.137. adde sibi vnā reuolutionē octaue spe vȝ ānos.49000. ⁊ de eorū agregato deme annos.15. dies.137. cū residuo vero opare: ⁊ silr̄ si āni dati aň christū cuȝ additiōe ānorū.15. dierū.137. excederēt sūmā ānorū.49000. reuolutionē ipsā inde eis deme ⁊ cū residuo opare ꝓut supradictū ē. exempli gratia. Quero augē cōez

post christū āno.1446.īperfecto die.13.iunii pꝰ meridiē hō.8.m̄.50.⁊ ꝑ doctri
nā ꝑcedentē q̄rā p̄mo quot dies āni corrñdēt diebꝰ.13.iunii hō.8.m̄.50. ⁊ īuenio
dies.164.hō.8.m̄.50.erit ergo tp̄s datū pꝰ christū ānis.1445.ꝑfectis:⁊ diebus
164.hō.8.m̄.50.a q̄bus subtractis ānis.15.diebꝰ.137.residuū erūt anni.1430.di
es.27.hō.8.m̄.50.quos q̄ro ī tabl'a ⁊ ī linea ānorū īuenio nūerū minorē ꝓpinquorē
ānis.1380.q̄bus ī directo ē ꝓ vo loco.s̄.0.g.18.m̄ 38.fa.37.⁊ motꝰ ī āno fa.35.
tertia.14.Supatio aūt ānoꝝ datorū a.1380.erūt āni.50.quos multiplico ꝑ fa.35
tertia.14 ⁊ fiet ꝓductū.m̄.29.fa.21.⁊ tertia.40.q̄ addo vo loco supius inuento.
Erit ergo verus locus augiū ī nona spera.s̄.1.g.19.m̄.7.fa.50.tertia.40.seu.s̄
0.g.19.m̄.8.q: de fa ⁊ tertia nō ē curandū:nec de illis diebus supabūdātibus ex
tardo motu octaue spere vt supra.
¶ Iterū q̄ro locū augis cōis āni.3429.⁊ dierum.164.añ christū:p̄mo illis addā
ānos.15.⁊ dies.137.⁊ aggregatū erit.3444.⁊ dies.301.quos ꝓ vno āno cōpu
to.Erūt igit' āni.3445.⁊ numerū eorū ī tabl'a īuenio minorē ꝓpiquiorē.3440
ī quorū directo īuenio ꝓ vo loco augiū.s̄.0.g.25.m̄.45.fa.25.⁊ motū in anno
fa.2.tertia.32.retrogradū:vt ī linea veri motus notatū est.Supabūdabūt autē
āni.5.quos multiplico ꝑ fa.2.tertia.32.fientq; fa.13.fere:q̄bus subtractis de vo
loco superius īuēto residuū erit.s̄.0.g.25.m̄.45.Qu? q: tp̄s est añ christū sbtra
henda sunt de.6.signis:⁊ remanebit verus locus augium.s̄.5.g.34.m̄.15.in no
na spera quod erit quesitū.
¶ Aduerte tñ q̄d motū in anno nō posui in tabulis nisi a p̄ncipio vsq; ad ānos.
7000.īclusiue:q: nobis sufficit illud operādo añ ⁊ post natiuitatē christi.Si ergo
ꝑ totā tabulā cū eodē mptu opari volueris dico ꝑ illū met ordinē seq̄ndo motum
descriptū describere totū residuū tabule scribendo motū ī āno q est in directo an
norū.60.ī directo ānorū.7060.⁊ cū qui ē in directo.120.scribe ī directo annorū
7120.⁊ sic successiue ꝓsequēdo in secundū ordinē ad instar primi ordinis:deinde
īcipiēdo in tertio ordine ab ānis.14060.⁊ cōtinuādo vsq; ī finē tabule notare po
teris.potes etiā extraordinarie ipsū īuenire accipiēdo locū ī directo aliquorū āno
rū:⁊ subsequēter locū īmediate sequentē descendendo:⁊ accepta differētia primi
loci a scd̄o illā diuide ꝑ superationem ānorū s'i ītroitꝰ ab ānis p̄mi ītroitus:⁊ q̄d
ex diuisione peruenerit erit verus locus ī anno.

¶ Ad inueniendum locum augis cuiuslibet planete.Capitulū quartū.

[S]I locū augis cuiuslibȝ planetarū īuenire volueris:p̄mo q̄re locuȝ au
gis cōis:tā si tp̄s datū fuerit añ xp̄m q̄ȝ post ꝑ doctrinā ꝑcedentē.De
inde q̄re ī tabula radicū augiū planetarū radiceȝ illius planete quē vo
lueris ⁊ sil' ꝯiūctis eorū aggregatio erit locꝰ augis pl'te ī.9.spa.exēplū.
¶ Fuit locus augis cōis ī supiori exēplo pꝰ xp̄m.s̄.0.g.19.m̄.8.⁊ radix augis sol'
ī tabl'a radicū ē.s̄.1.g.11.m̄.32.Fuit ergo tūc loc augis sol'.s̄.1.g.30.m̄.40.Iterū
q; fuit locus augis cōis añ xp̄m.s̄.5.g.34.m̄.15.⁊.R.augis martis ī tabl'a radi
cū est.s̄.1.g.55.m̄.19.Fuit ergo tūc locꝰ augis mart'.s̄.g.29.m̄.34.⁊ sic de aliis
pl'tis locū augiū īdagare poteris tā añ q̄ȝ post natiuitateȝ xp̄i.

¶ Mediuȝ motum solis per tabulas inuenire.Caplm q̄ntum.

[C]Um mediū motū sol' ꝑ tabulas īuenire volueris:cū tp̄e dato pꝰ natiui
tateȝ christi seu añ ī tabulā medii motꝰ solis:cū ānis collectis ⁊ expāsis:
diebꝰ:⁊ horis atq; eorū fractiōibus p̄teritis ītra:⁊ q̄d ī directo illorū
particulariter de.s̄.g.m̄.fa per ordinem vnum scilicet sub alio nota ⁊ simul ag/
gregando eorum summam considera.Deinde in tabula quere radicem christi ⁊

qđ in eius directo inueneris si tp̄s datū fuerit post christū sume motuū adde. Si vero tp̄s fuerit añ christum de radice illā sūmā minue ⁊ qđ post additionem vł diminutionē puenerit erit medius motus solis. exēpli gratia.

¶ Quero mediū motū solis post christū anno. 1447. imperfecto die. 12. maii p⁹ meridiē hō. 15. m̄. 20. se. 30. ⁊ in eius tabulā intro ⁊ inuenio in linea annoꝝ collectoꝝ in directo annoꝝ. 1000. 0. 7. 20. 48. In directo aūt annoꝝ. 400. inuenio. 0. 2. 56. 20. In directo annoꝝ. 40. inuenio. 0. 0. 17. 38. ⁊ in directo. 6. annoꝝ reperio 5. 59. 33. 9. Quero etiā quot dies anni correspōdent die. 12. maii. hō. 15. m̄. 20. se 30. ⁊ inuenio in linea mensiū nō bisextiliū corrūdere dies. 132. ⁊ supersunt hō. 15. 20. 30. Inuenio igitur motū solis in diebus. 100. eē. 1. 38. 33. 52. ⁊ ī directo dieꝝ. 30 reperio. 0. 29. 34. 10. ⁊ in directo dieꝝ. 2. cōperio. 0. 1. 58. 17. In directo aūt hō. 15. inuenio. 0. 0. 36. 48. ⁊ restat perscrutari medium motuz in. 20. minutis. ⁊. 30. se Nota igiť q̄ in tabula nō posui nisi motum in horis: ⁊ hoc q: per ipsum operari poteris ad quascunq; fractiones horaꝝ mutando denominationem motui: vz si motus horaꝝ fuerit. s̄. g. m̄. q: quodlibz minutū hore intelligiť eius sexagesima pars. motus etiā minutorū horaꝝ erit sexagesima ps motus horarum: ⁊ p ꝯñs mot⁹ seꝝ horarū erit sexagesima pars mot⁹ minutoꝝ horarū. Ip̄z etiā q̄ sexagesima ps signi ē gradus ⁊ sexagesima gradus est minutū ⁊ sexagesima minuti est sm ⁊c. Cōcludiť ergo q̄ si motus horarū fuerit. s̄. g. m̄. motus minutoꝝ horaꝝ erit. g. m̄. se tertia ⁊ seꝝ erūt. m̄. se tertia q̄rta ⁊ successiue p ordinē degradādo denoiationem hēbis motus oium fractionū horarū. Ad ppositū autē quero motū se minutorū horarū. ⁊ inuenio in linea hō. ī directo. 20. s̄. 0. g. 0. m̄. 49. se. 17 Quare p motu. 20. minutorū ponā. 0. 0. 0. 49. ⁊ in linea predicta in directo seꝝ 30. pōnam. 0. 0. 0. 0. Facta ergo sūma oium istorū motuum erūt. 2. 20. 52. 1. quib⁹ addendū ē. 4. 38. 17. 34. motus vz qui inueniť in directo radicis christi: ⁊ hoc q: tp̄s datū est post christū. Erit ergo motus medius solis die ⁊ hō. predicta. s̄. 0. g. 59. m̄. 9. se. 35. in nona spera: idest in signo tauri. g. 29. m̄. 9. se. 35. qđ est ppositum. Si vero cū simili tp̄e ante natiuitatē christi operatus fuisses. motum eius qui est. 2. 20. 52. 1. de de. R. christi minuenť eēt. idest de. 4. 38. 17. 34. Cuius residuum eēt. 2. 17. 25. 33. ⁊ hoc erit motus solis añ christū.

¶ Applicationē solis ad eius augē inuenire. Capitulū sextum.

Si tp̄s applicationis solis ad punctū sue augis in quolibet anno scire desideras q̄re primū locū sue augis ī fine āni p̄cedētis p. s̄. g. m̄. se: ⁊ ip̄z salua: postmodū q̄re mediū motū solis: quē de loco augis minue. Residuū vero. s̄. g. ⁊c. ad. g. reduc: ⁊ erunt distātia medii motus solis ab auge in fine anni: quos. g. ēt ꝯuerte in dies ponēdo p quolibet gradu vnā diem. Deinde nouiter vide motū verū octaue spere: illis diebus graduū quē adde loco augis in fine anni inuento ⁊ fiet locus augis solis mense ⁊ die anni dati. Adde motū predictum distantie medii motus solis ad augem suā in fine anni: ⁊ fiet distantia medii motus solis in fine anni ad augē suā anni sequentis: cū qua distātia ī tabulā medii motus solis intra in lineam medii motus ⁊ accipe dies hō. ⁊ minuta correspondētia ad distantiā predictā: ⁊ vbi terminabiť tēpus ipsum in quo mēse scz ⁊ in quo die mēsis sequentis anni: quem terminū inuenies per tabulaz dierum anni ⁊ erit quesitum. exempli gratia.

¶ Volo tp̄s applicatiōis solis ad pūctū sue augis āno p⁹ xp̄z. 1446. īperfecto: p̄mo q̄ro locū augis eius ī fine āni. 1445. quē īuenio. 1. 30. 40. 17. eodēq; tp̄e inuenio medium motum solis. 4. 48. 39. 49. Capio etiā differentiam medii motus

ſolis ab auge que eſt.2.42.0.28.que differẽtia in gradibus reducta eſt.g.162.fere
quos pro diebus.162.accipiã ꝓ medietate anni. Quero etiam in tabula motꝰ au/
gium in anno tpe dato. Et inuenio ſa.35.tertia.14.quoꝝ medietatẽ accipio erũt
qꝫ circa ſa.17.quẽ addo loco augis ſolis in fine anni inuento: eritqꝫ illa die locus
augis ſolis.1.30.40.34. Addo etiam iſtum motũ: ideſt ſa.17.differentie augis a
motu ſolis que fuit in fine anni.2.42.0.28.eritqꝫ differentia integra.2.42.0.45.
cum quibus in tabulam medij motꝰ ſol' intro ⁊ in directo dierũ.100.inuenio.1.38
33.52.⁊ in directo dierũ.60.inuenio.0.59.8.20. In directo aũt dieꝝ.4. inuenio
0.3.56.33.⁊ in directo horarũ.8.reperio.0.0.19.43.⁊ ĩ directo minutoꝝ.52.du
plici introitu inuenio.0.0.2.7.quoꝝ sũma debet totã differentiã augis a motu ſo
lis in fine anni ad motũ prime augis anni ſequentis: q motus perficit vt ſupra vi
ſum eſt in diebus.164.hõ.8.m̃.52.quos dies inuenio correſpondere per tabulã
dierũ menſiũ nõ biſextiliũ die.13.iunij poſt meridiẽ hõ.8.m̃.52.⁊ illa dies ⁊ ho/
re erit applicatio ſolis ad punctũ ſue augis erit.1.30.40.34.qd̃ eſt ꝓpoſitum.

Ad idem per alias tabulas. Capitulum ſeptimũ.

D euitandũ labores operationũ precedẽtium ꝓ inueniendis locis au
gium ſolis ⁊ alioꝝ planetaꝝ tẽpus etiã qñ ſol ingreditur punctum ſue
augis ſingulis annis inceptis a natiuitate chriſti ⁊ ꝑ annos.2000.ſequẽ
tes alias compoſui tabulas in quibus in prima linea ad ſiniſtrã ſũt nu
meri annoꝝ augmentati.de.4.annis in quatuor ãnos: q anni ibi deſcripti ſunt bi
ſextiles. In ſa vero linea ad dextrã ſunt dies: hore ⁊ minuta poſt meridiẽ mẽſis
iunij illius anni: qñ ſol applicatur ad punctũ ſue augis. In tertia autem linea deno/
tantur hore minuta ſa addẽda tempori ſolis applicationis ad augem primo ſo ⁊
tertio anno poſt biſextum. In quarta notatus eſt locus augium ſolis in nona ſpe
ra per.ſ.g.m̃.ſa. In vltima vero linea denotantur motus augium in anno: ⁊ ex/
ercetur tota tabula ſic.exempli gratia.

Uolo iuenire ĩtroitũ ſolis ĩ pũctũ ſue augis ãno.1446.iperfecto atqꝫ locũ eiꝰ
tũc ĩ nona ſpera. Quero ĩ tabula ĩ lineis numeri: ⁊ iuenio ĩ directo annoꝝ.1444.
dies.12.hõ.20.m̃.44.iunij. Deinde cõſydero annũ.1446.eẽ ſm poſt biſextũ: q̃/
re inuenio in ſa linea tp̃s addẽdũ ſo anno poſt biſextũ.hõ.12.m̃.6.ſa.26. Erit er
go applicatio ſolis ad augẽ die.13.iunij pꝰ meridiẽ.hõ.8.m̃.50.qd̃ eſt p̃mũ ꝓpoſi
tũ. Itẽ in directo annoꝝ.1444.reperio veꝝ locũ augiũ.1.30.39.8.⁊ motus ĩ ãno
ſa.34.qui motꝰ multiplicatꝰ ꝑ.2.ãnos pꝰ biſextũ erit motꝰ eoꝝ.0.0.1.8.quod ad/
do loco augiũ.erit ergo tũc locus augiũ ſol'.1.30.40.16.qd̃ ẽ ſcd̃m ꝓpoſitũ.

Per augẽ ſolis auges alioꝝ planetarũ inuenire. Caplm octauũ.

J data auge ſol: tũc auges alioꝝ pla.ĩueire voluerꝭ loco augꝭ ſol' adde
ꝓ ſaturno.ſ.2.g.41.m̃.58.ſa.19.ꝓ ioue.ſ.1.g.22.m̃.11.ſa.37.ꝓ mar
te.ſ.0.g.43.m̃.46.ſa.50.ꝓ venere nihil: ſꝫ ſicut ẽ dimitte.ꝓ mercu
rio adde.ſ.1.g.59.m̃.14.ſa.11.⁊ qd̃ collectũ fuerit erit verꝰ locus au/
giũ cuiuſlibet ipſoꝝ.

Uerum locũ ſolis ĩuenire. Caplm nonũ.

Um veꝝ locũ ſolis examiare volueris certũ tp̃s tibi noto tp̃s ĩmedia
te p̃cedẽs ĩ quo ſol attigit augẽ: ⁊ tũc locũ augis p̃mo examiabis. De
ĩde nũera quot dies hõ.m̃.ſa fuerit iter tp̃s applicatõis ſol' ad augẽ ⁊
tp̃s ĩ quo locũ ſol' iuenire volueris. Cũ qbꝰ diebꝰ ĩ tabulã motꝰ ſol' ab
auge ĩgredere: ⁊ locũ ſol' quẽ ĩ directo ĩuenerꝭ: loco augis tpe ĩtroitꝰ ſol' ĩ auge ad
de quoꝝ aggregatio erit locꝰ ſol' ĩ.9.ſpa ⁊ ſi diebꝰ ill' ſupſint hõ.⁊.m̃.⁊c.ipas mul
tiplica ꝑ motũ ſol' ĩ hõ.ĩmediate ĩ tabul' ſequẽtẽ ⁊ ꝓductũ add̃ loco ſol' ſupiꝰ iuẽto

⁊ fiet locus verus solis hora data in nona spera: ⁊ nō obliuiscaris ꝙ motus mi/
nutoꝝ horaꝝ sūt tot. ſa ⁊.3. quot minuta: ⁊. ſa notata sūt in tabula ꝑ motu ho/
rarum sicut antedictum est. Exempli gratia.

¶ Volo verum locum solis anno.1446. imperfecto die.16. augusti post meridi
em hora.15. m̄.40. primo inuenio tempus introitus solis in auge ⁊ locum eius
qui per regulam precedētem fuit die.13. iunii post meridiem ho.8. m̄.50. Verus
ēt loc⁹ ei⁹ e.1.30.40.16. Deiñ oꝫ īuenire distantiā dieꝝ a die.13. iunii ho.8. m̄. 50.
ad diem.16. augusti post meridiem hora.15. m̄.40. Composui enim specialem
tabulam dierum anni a ꝓncipio iunnii incipientis in quā intro in anno non bisexti
li ⁊ inuenio in directo mensis iulii dies .61. quibus additis dieb⁹.16. augusti ho.
15. m.40. erit eorum aggregatio dies.77. ho.15. m.40. a qbus subtractis die/
bus iunii horis ⁊ minutis applicationis solis ad augem: qui sunt dies. 13. ho.8.
m.50. remanebit eorum distantia dies.64. ho.6. m.50. cum quibus tabulam
motus solis ab auge ingredior ⁊ inuenio in directo diebus.64. de vero loco.1.1.
10.48. quos noto sub loco augis solis tpe applicationis solis ad ipsam augem q̄
fuit.1.30.40.16. inuenio etiam in directo loco solis in tabula motū in horis .m.2.
ſa.25. quos duco ī horas.6. m.50. eritq̄ꝫ eorum motus.0.0.16.32. Simul eniꝫ
iunctis motibus dieꝝ ⁊ hor. distātie loco augis fiet locus solis.2.32.7.36. quod
est propositum.

¶ Introitū solis in ariete seu in alio signo vel gradu examinare. Capl'ꝫ decimū.

Si introitum solis in primo minuto arietis seu in alio quouis signo vl'
gradu inuenire volueris certum tempus tibi noto. ꝓmo oportet inue
nire tp̄s precise applicationis solis ad augē immediate precedens ⁊ lo
cum augis tunc: q: etiam erit locus solis: quo inuento minue locū au
gis de loco in quo vis ingressum solis: ⁊ cū residuo. s̄. g. m̄. ſa tabulā mot⁹ solis
ab auge ingredere: querēdo similes seu minores ꝓpinquiores in linea motus so
lis ⁊ qđ in directo inueneris de diebus addes diebus applicationis solis ad au/
gem: ⁊ vbi terminabitur ille numerus erit mensis ⁊ dies applicationis solis ad si
gnum seu gradum quesitū exēpli gratia. Exemplum.

¶ Volo applicationē solis ad ꝓmū minutū arietis anno.1447. ꝓmo iuenio ap/
plicationē solis ad suā augē.1446. quā ꝑ p̄teritas opationes inueni die. 13. iunii
ho.8. m.50. post meridiē: ⁊ locū eius.1.30.40.16. qui locus subtractus de princi
pio arietis: idest de.6.0.0.0. Restabit.4.29.19.44. Cū quibus tabulā mot⁹ so/
lis ab auge ingredior: ⁊ inuenio motū minorē ꝓpinquiorem.4.29.16.37. cui cor
respōdent in linea dieꝝ: dies .271. qui motus subtractus a residuo suprascripto
remanet.0.0.3.7. Inuenio etiam in directo motū in vna hora.0.0.2.28. ꝑ que
diuido.0.0.3.7. eritq̄ꝫ numerus quotiēs ho.1. ⁊ remanebit de motu.0.0.0.39. q̄
etiā diuido per .m̄.2. ſa.28. ⁊ ꝓueniūt minuta hore fere.16. quare dies veri mo
tus solis ab auge vsq̄ꝫ ad applicationē eius arieti erunt.271. hor.1. m̄.16. quibus
addam dies iunnii applicationis solis ad augem: qui fuerunt dies.13. ho.8. m̄.50
quoꝝ aggregatio erunt dies.284. ho.10. m̄.6. cum quibus tabulā dieꝝ mensiuꝫ
nō bisextilium anni a iunio incipientis intro: ⁊ inuenio diebus distantie correspondere
dies.11. martii post meridiē ho.10. m̄.6. qđ est ꝓpositum.

¶ De examinatione cursus lune. Capitulum vndecimū.

Vm locum verū lune examinare volueris cum tpe dato post christū
scꝫ vel ante in tabulā radicū lune intra: ⁊ in lineis annoꝝ collectoruꝫ ⁊
expansoꝝ mensiū nō bisextiliū seu bisextilium dierū horaꝝ ⁊c. ꝓut ad

inueniēdū medium motū solis dixim⁹ accipe qđ in directo eorum inueneris de
diebus horis ⁊ minutis: de centro loco ⁊ argumento latitudinis lune qđlibet ꝑ
se: ⁊ vnū sub alio ꝑ ordinē notato: eorum summā perfice. Deinde cōsidera q̄titā
tem dierū in sūma repertoꝝ: ⁊ cōsidera etiā si tp̄s datū fuerit post natiuitatē chri
sti vel ante. Si post dies sūme p̄dicte adde diebus descriptis in directo radicis
christi sub tabula radicū notatis. Si vero tēpus notatū fuerit ante natiuitatē chri/
sti dies summe radicis deme de diebus radicis christi notatis in tabula si poteris
idest si dies summe subtrahendi sint pauciores diebus radicis christi. si aūt exce/
derent illos vt nō possis subtrahere adde diebus radicis christi ꝓ vna reuolutio
ne lune dies. 27. ho. 13. m̄. 18. fa. 36. ⁊ de eoꝝ sūma deme summā dierū radicū
⁊ qđ post additionē seu diminutionē ꝑuenerit đ dieb⁹. m̄. fis. nota. Respice etiā
in quadā parua tabula ab īferiore parte tabule radicū posita que intitulat̄ tabula
breuis ī qua si inueneris in linea dierū q̄ ibi notati sint dies minoris quantitatis
dierum sūme: illos accipe quos minores ꝓpinquiores summe īueneris: ⁊ de sū
ma dierū radicis minue. Residuum aūt pro radice salua. Demū accipe in tabu/
la breui sup̄ascripta qđ in directo dierum subtractorum inueneris de centro: lo/
co: ⁊ argumento latitudinis lune notato ꝑ. s̄. g. m̄. fa. quos per ordinē adde cētro
loco ⁊ argumēto latitudinis lune in sūma radicū reperto: qđlib; fm̄ suū genus:
⁊ qđ ex eis aggregatū fuerit: similiter ꝓ radice salua. Si autem in tabula breui nō
inueneris dies minores summe: sūmam dierū ⁊ motuum ꝓ radice salua. Post
modum respice q̄titatē graduū centri radicis: ⁊ quere de tabulis lune tabulam
suppositā simili numero vel minori ꝓpinquiori in quā cum diebus radicis in li/
nea dierū intra: ⁊ accipe quod in directo dierum similium inueneris de loco lu/
ne ⁊ illud: quos adde vero loco radicis: eorūq; summa erit locus verus lune. ⁊
si gradus centri radicis supꝑessent gradibus sup̄apositis tabule gradus supꝑatio/
nis ꝑ. m̄. ⁊ fa equationis q̄ immediate post locum lune in tabula inuenient̄ mul/
tiplica: ⁊ ꝓductum adde seu minue de loco lune inuento ꝓut in linea notatū est ⁊
quod post additionem seu diminutionem ꝓuenerit erit locus lune equatus. Si ēt
vltra dies fuerint alique hore ⁊ alie fractiones per motū lune in horis: horas ip/
sas multiplica: ⁊ similiter earum fractioues ꝓut in p̄cedentibus dixi ⁊ ꝓductū
adde loco lune equato ⁊ fiet locus verus lune equatus in nona spera hora data.
Similiterq; ꝓcede ad dextrā tabule ⁊ accipe in directo qđ īueneris de argumē
to latitudinis cui adde argumētū latitudinis qđ ꝓ radice saluasti: quibus etiā ad/
de siue minue illud met quod loco lune addidisti seu minuisti de equatione ⁊ de
motu horarū ⁊ earum fractionū ⁊ vltra hoc ꝓ qualibet hora adde etiam fa. 8.
que sunt ꝓ motu capitis draconis: ⁊ qđ post additionem seu minutionē peruene
rit erit argumentum verū latitudinis lune hora p̄dicta. exempli gratia.
¶ Uolo inuenire verum locū ⁊ argumentū latitudinis lune anno post natiuitatē
christi. 1447. imperfecto die. 18. iulii post meridiē ho. 12. m̄. 30. primo quero in
tabula radicum lune ⁊ inuenio in directo. 1440. dies. 26. ho. 3. m̄. 1. Centrum. g.
214. m̄. 58. locum. 4. 32. 19. Argumentū latitudinis. 0. 42. 46. Iteruz in directo
annorum. 6. inuenio dies. 14. 4. 33. Centrum. 153. 53. locum. 4. 2. 31. Argumentū
latitudinis. 5. 57. 47. quē sub primis noto. Inuenio etiam in directo mensis iu
nii anno nō bisextili dies. 15. 16. 9. Centrum. 70. 56. Locum. 0. 18. 25. Argumen
tum latitudinis. 0. 27. 10. Dies autem iulii: videlicet dies. 18. ho. 12. m̄. 30. nō sunt
in tabula notati: ⁊ ideo illos ponam sub aliis sine motu. Facta enim summa om/
nium predictorum dierū erūt dies. 74. ho. 12. m̄. 13. Et q: tēpus datum est post

natiuitatẽ christi illis addo dies.15.hõ.4.m̃.10.quẽ in directo radici christi i tabu
la radicis notata sunt. Erit ergo eoꝝ sũma dies.89.hõ.16.m̃.23.a quibus subtra
ho numerum dierum minorem ꝓpinquiorem in tabula breui notaroꝝ. qui sunt
dies.82.hõ.15.m̃.56.eritq; eorum residuũ dies.7.hõ.0.m̃.27.quos numeros
ꝓ radice seorsum noto. Sũma enim radicũ centri lune erit.g.79.m̃.47.loci ve
ro.2.53.15. Argumenti autẽ latitudinis.1.7.43. Eadẽ ratione istos addam moti
bus in directo radicis christi: qui se de centro.37.29.loco.4.42.5. Argumento
latitudinis.0.13.12. Deinde illis etiam addã centrum locum ⁊ argumentum lati/
tudinis in directo diebus subtractis a tabula breui qui sunt ꝓ cẽtro.g.215.m̃.28.
pro loco.0.9.13.ꝓ argumento.0.13.35.quorum sũma vltimo erit centruz: vz.g.
332.m̃.44.locus.1.44.33. Argumentum latitudinis.1.34.30.quos etiam ꝓ ra/
dice saluo. Demum quero tabulam lune suppositam gradibus centri: ⁊ inuenio
minorem ꝓpinquiorem suppositam gradibus.330.in qua inuenio lineam dieruz
correspondere in directo diebus.7.de loco autem.1.25.0.de equatione aũt.m̃.0.
ſa.48.minuenda que multiplico per.g.5.fere supabundãtes gradibus tabule ⁊
ꝓducuntur m̃.2.ſa.24.minuenda. Inuenio etiam in directo motus in horis.m̃.
32.ſa.42.⁊ per ꝯñs motus minutorum horarũ erunt ſa.32.tertia.42.⁊ q: i ra/
dice nõ sunt hore nõ oz operari per horas. Sed multiplico minuta.27.per ſa.32
⁊.m̃.42.quorum ꝓductum erit.m̃.14.ſa.43.addenda a quibus subtraho mi/
nuta.2.ſa.24.minuenda de equatione. Restant addenda minuta.12.ſa.19. que
addo loco superius inuento: idest.1.25.0.0. Eritq; verus motus lune.1.25.12.19.
que addo vero loco radicis superius reseruato: idest.1.44.33. Eritq; verus lo/
cus lune in nona spera.3.9.45.19.quod est primũ ꝓpositũ. Reassumo etiã ra/
dicẽ argumenti latitudinis saluatã que fuit.1.34.30.que addo loco argumenti la
titudinis in tabula corñdenti diebus.7.cum quibus intraui pro habendo loco lu
ne in cuius directo inuenio de argumento latitudinis.1.25.22.quibus etiam addo
m̃.12.ſa.19.totidem vz quot adiunxi loco lune ꝓ equatione ⁊ motu horarũ fiet er
go argumentũ latitudinis tabule.1.25.34.19.quibus additis radici reassumpte:
idest.1.34.30.erit argumentũ verum latitudinis.3.0.4.quod est fm ꝓpositũ.
Et quia ibi non sunt hore non oz aliquid de ſa addere ꝓ motu capitis draconis
Si operatio tua fuisset per tñdem tps ante natiuitatem christi oz minuere dies
sũme: scz dies.74.hõ.12.m̃.13.de diebus radicis christi: idest de diebus.15.4.10
⁊ quia maior numerus non potest subtrahi de minori diebus radicis christi ad/
do tot dies diebus notatis in tabula breui ꝙ aggregatio excedat dies sũme. Ad/
de ergo diebus radicis christi illos quos inueneris in tertia linea tabule breuis q
sunt dies trium reuolutionũ vz dies.82.hõ.15.m̃.55.ſa.48.⁊ per motus eius i
directo adde motui radicis christi ⁊ fient dies.97.hõ.20.m̃.6. centrum.252.53.
Motum.4.51.18. Argumentum latitudinis.0.26.47.a quibus subtractis die/
bus ⁊ motibus summe eoꝝ residuũ erit dies.23.hõ.7.m̃.53. Centrum.173.10.
Motus.1.58.3. Argumentum latitudinis.5.19.4.quos pro radice salua ⁊ cum
eis operare ꝓut dictum est ⁊ ꝑficies ꝓpositum.

¶ Latitudinem lune per tabulas inuenire. Capitulũ duodecimũ.

I latitudinem lune ꝑ tabulã ad hoc ꝯstitutam examinare volueris cũ
argumento latitudinis inuento per doctrinam precedentẽ in tabulam
latitudinis lune intra ⁊ quere in lineis numeri numerum illi numero
correspondentem: ⁊ qđ in directo illorum inueneris de latitudine sum
me quia erit latitudo lune ab ecclyptica. Si vero cũ.g.argumenti superfuerint

aliqua minuta cū vno gradu addito succedendo in lineam intra: ⁊ etiam quod in
eius directo de latitudine inueneris nota. Deinde vide differentiā prime latitudi
nis ad secundam subtrahendo vnam ab alia de qua differentia accipe partē pro
portionalē ſm numerum minutorum ꝓportionalium superabundantiū ad.60.
quam inuenies multiplicando minuta superabundantia per differentiā ⁊ produ
ctum diuidendo per.60.⁊ ipsam adde latitudini primo inuente si secunda fuerit
maior: vel ab ipsa deme si secunda fuerit minor: ⁊ quod post additionem seu di/
minutionē ꝑuenerit erit latitudo vera lune. que si fuerit argumentum latitudinis
ab vno.g.in.90.erit latitudo septētrionalis ascendens.⁊ si a.90.in.180.erit latitu
do septētrionalis descendens.⁊ si argumentū latitudinis fuerit a gradibus.180.ī
270.erit latitudo meridionalis descendens.⁊ si a.270.in.360.gradus fuerit lati
tudo erit meridionalis ascendens: ⁊ hic non pono exemplum: q: ꝑ se clarū est.

¶ Uerum locum capitis ⁊ caude draconis inuenire. Capitulū.13.

Um verū locū capitis equare volueris cū tempore dato tabulaꝫ me/
dii motus capitis: quā cum tabula medii motus solis inuenies ingre/
dere ⁊ perfice mediū motum eius ꝓcedendo precise sicut pro inueni
endo medium motum solis fecisti: addita radice christi seu ab ea sub/
tracta ſm ꝙ tempus datum fuerit ante vel post christi natiuitatem : quo medio
motu perfecto ipsum de.6.signis minue. Residuum vero erit verus locus capi
tis draconis in nona spera: cuius oppositū in zodiaco erit verus locus caude dra
conis quod est ꝓpositum. Uel aliter posset etiam inueniri: q: si de vero loco lune
dempseris argumentū latitudinis eius residuū erit locus capitis draconis.

¶ Uera loca planetarum trium scꝫ superiorum: Ueneris etiam atqꝫ
Mercurii per tabulas inuenire. Capitulum.14.

Um vera loca planetarum trium.s.superiorum: Ueneris etiam atqꝫ
Mercurii: per longitudinem ⁊ latitudinem atqꝫ eorum distantiam a
sole examinare volueris cum tempore dato annis scilicet mensibꝰ die/
bus ⁊ horis ⁊c. tā si tempus ipsum fuerit ante natiuitateꝫ christi q̄ꝫ pꝰ
in tabula radicum illius planete cuius locum queris intra: ⁊ in lineis annorū col/
lectorum expansorumqꝫ ac mensium dierumqꝫ ⁊ horarum ꝓut opus fuerit ⁊ in
canone solis ⁊ lune habuisti quere superationem dierū ⁊ motus in directo corre
spondentes. Et facta eorum sūma si dies ipsi excederent aliquem numerū de nu
meris descriptis in tabula eiusdem planete que dicitur tabula breuis: illos nume
ros tabule de summa numeroꝝ minue: ⁊ motui sūme adde motū correspōden/
tem in directo diebus tabule breuis subtrahendis: ⁊ qd̄ post subtractionem die/
rum ⁊ additionem motuū peruenerit nota. Si vero tempus datum fuerit post
natiuitatem christi illos adde diebus ⁊ motui correspondentibus in directo radi/
ci christi in fine tabule radicis notatis. Si autem tempus datum fuerit ante nati/
uitatem christi illos de radice christi minue: ⁊ quod post additionem seu diminu
tionem peruenerit ꝓ radice salua. Et nota semper in istis additionibus ⁊ diminu
tionibus oportunis ꝙ quando accideret ꝙ numerus subtrahendus excederet in
quantitate numerum a quo debet fieri subtractio semper addere debes numero
a quo debet subtrahi vnam reuolutionem: ꝓut in luna dixi. Nam si numeri fue
rint.s̄.g.m̄.⁊c.addenda sunt.6.signa. Si vero fuerint hore addende sunt hore
24. Si fuerint dies superationis ꝓut in tanulis radicum inueniuntur sicut in re/
uolutione lune dixi ꝙ erant dies.27.hō.13.m̄.18.ſa.36. Similiter reuolutio sa/
turni est dies.378.hō.2.m̄.12. Reuolutio vero iouis est dies.398.hō.21.m̄.12.

Reuolutio autē martis ē dies.779.hō.22.m̄.23.Reuolutio veneris ē dies.582
hō.22.m̄.14.Reuolutio vero Mercurii est dies.115.hō.21.m̄.5. Similiter quo
qꝫ qn̄ numerus dierum radicum excederet numerum reuolutionum ab illis nu
merus reuolutionuꝫ erit minuendus: ꝓut in precedentibus dixi. Prosequendo
igitur a motu radicis inūcto minue augē planete quam inuenies per regulas pre
cedentes vel ꝑ tabulas radicum cuiusuis planetarum in directo annorum colle/
ctorum ꝑ totam tabulam qua dempta a motu residuum erit centrum planete cū
quo in tabulam sibi correspondentē aut sub minori ꝓpinquiori ingredere ⁊ in li/
nea prima ad sinistram quere dies similes diebus radicis inūctis: vel minores ꝓ
pinquiores: ⁊ quod in directo inueneris de motu planete.s̄.g.m̄.nota: quia erit
verus motus planete. ¶ Si autem vltra gradus tabule superessent gradus
centri in radice illos per minuta ⁊ secunda equationis planete in tabula in di/
recto veri motus planete multiplica: ⁊ productum pro equatione addenda
seu minuēda prout in tabulis notatum est: salua: ⁊ si vltra dies cum quibus opa
tus es in tabula superessent dies radicis aut hore vel minuta ⁊c. illos ꝑ motum
planete in diebus horis ⁊ minutis in directo in tabula inūctis multiplica: quorū
productum etiam addēdum seu minuēdum salua. Addendum vero ē si planeta
fuerit directus ⁊ minuendum si fuerit retrogradus prout notatum est in tabulis
Quo facto numerum addendum adde: ⁊ minuendum minue de motu planete
⁊ quod post additionem seu diminutionem peruenerit adde motui planete queꝫ
pro radice saluasti: ⁊ quod aggregatū fuerit erit verus locus planete in nona spe
ra in longitudine.

¶ De latitudine planetarum. Capitulum.15.

Atitudo planete similiter inuenitur in directo dierum radicis cuꝫ qui
bus intrasti pro inueniendo locum planete ad dexteraꝫ tabule ī linea
latitudinis: accipe latitudinem ibi descriptam cū parte sua septentrio/
nali scilicꝫ aut meridionali prout ibi notatum est sine aliqua radicis ad
ditione multitudo eius equationē ꝑ.g.centri supabundantes ⁊ productum ad/
de vel minue sicut in tabulis scriptum est: quemadmodum pro vero loco fecisti.
Pro diebus autē supabundantibus ⁊ ꝑ horis ⁊ minutis quia ibi non sunt nota/
ti motus latitudinis in die nec in hora oportet ipsum hoc modo inuenire. ¶ Con
sidera latitudinem primo in tabulis inuētam ⁊ latitudinē immediate sequēteꝫ de/
scendēdo ⁊ eorum differētiam diuide per differētiam dierum cū quibus primo ī
tabula intrasti ad dies immediate descēdendo sequētes: ⁊ numerus quotiēs erit
motus latitudinis in die. Si autē latitudo primi introitus fuerit minor latitudine
secūdi ille motus erit addēdus. Si prima latitudo fuerit maior secunda: ille mot⁹
erit minuēdus: quē et motū in die si diuiseris ꝑ.24. numerus quotiens erit mot⁹
in horis: qui ꝑ.60. diuisus fiet motus in vno minuto hore: quos motus in die sci
licet ⁊ in horis ⁊ minutis multiplica per dies horas ⁊ minuta superabundātes ⁊
productum adde vel minue de latitudine planete primo inuente: ⁊ exinde fiet la/
titudo vera planete septētrionalis videlicꝫ aut meridionalis prout in tabulis no/
tatum erit.
¶ Nota tn̄ ⁊ sepenumero contingit ꝙ si prima latitudo in tabula accepta fuerit
septētrionalis parū tn̄ distans ab ecclyptica ⁊ ꝓductū multiplicationis equatiōis
ꝑ.g. supabūdantes: aut motus in diebus ⁊ horis supabūdātibus erūt subtrahē
di ⁊ erūt maiores ī numero ꝙ̄ latitudo iuēta septētrionalis tūc illo casu minue la/
titudinē iuentā de multiplicatione graduū multiplicationis aut de motu dierū ⁊

horarū τ eius residuū erit latitudo meridiana: idest in pte contraria: τ vt breuiter dicam semp minue minorē numerum de maiori: τ residuū p latitudine tene: quā multiplicationē si minueris de latitudine erit latitudo in pte illa q̄ scripta ē in tabula. Si aūt latitudinē minueris de multiplicatione: residuum erit latitudo in parte contraria ab ecclyptica. Si aūt latitudo septētrionalis in tabula descēdēdo augetur numero erit latitudo ascēdēs: si minuet erit descēdēs. Si vo latitudo meridionalis descēdēdo auget in numero erit latitudo descēdēs: si aūt minuetur erit in pte meridionali ascendens.

De elongatione planetarum a sole τ ecōuerso. Capl'm. 16.

Elōgatio planete a sole seu solis a planeta similiter inuenitur operando p ut in latitudine inueniēda opatus es: q: in illamet tabula post lineas latitudinis ad dextrā notatā inueniēs elongationē solis. Intra addēdo subtrahēdo diuidēdo multiplicādo p. g. cētri: τ dies τ horas supabundātes cōponēdo motus elongationis in diebus τ horis τc. p supra scriptā regulam datam p inuenienda latitudine: τ habebis quesitum tam si tēpus datum fuerit añ natiuitatē christi q̄z post.

Radices christi cuiuslibz planete ad qđlibz aliud tps extēdere. Capl'm. 17.

Si radices planetarum ad annos. 1400. firmare volueris in tabulā radicū cuiusuis planetarum īgredere τ qđ in directo annorum. 1400. inueneris de dieb⁹ τ motu adde diebus τ motui radicis eius eorūqz sūma erit quesitū. Si vero tps fuerit ante natiuitatē christi minue de motu radicis residuū vero erit radix q̄sita: τ istud sufficit sine alio exēplo.

Exēplū ad inueniendum verum locū planetarum in longitudine τ latitudine atqz eorum distantiam a sole. Capl'm. 18.

Volo verum locū martis p⁹ natiuitatē xpi āno. 1447. ipfecto die. 17. nouēbris p⁹ meridiē. hō. 18. m̄. 40. Quero in tabula radicū martis: τ inuenio in directo. 1440. dies. 385. hō. 14. m̄. 12. τ de motu. s̄. 1. g. 29. m̄. 5. In directo aūt annorum. 6. inuenio dies. 631. hō. 3. m̄. 15. de motu aūt s̄. 1. g. 37. m̄. 29. τ ī directo mēsis octobris ī tabula mēsiū nō bisextiliū inuenio dies 304. absqz motu: quibus ēt addo dies. 17. nouembris hō. 18. m̄. 40. sine motu: τ vno sub alio notato facta sūma erit corum aggregatio dies. 1338. hō. 12. m̄. 7. Mot⁹ aūt s̄. 3. g. 6. m̄. 34. τ q: tps datū ē post natiuitatē christi ipsis ēt adde radices xpi que sunt dies. 513. hō. 5. m̄. 40. Motus vero. s̄. 2. g. 12. m̄. 25. quorum omnium aggregatio erit dies. 1751. hō. 17. m̄. 47. Mot⁹ autē. s̄. 5. g. 18. m̄ 59. a qb⁹ dieb⁹ subtrahe dies. 1559. hō. 20. m̄. 46. qui sunt dies minores ppinquores tabule breuis: τ addo motū in directo exñtem. vz. s̄. 1. g. 37. m. 28. Erunt igitur dies radicis saluādi dies. 191. hō. 21. m̄. 1. Motus vo. s̄. 0. g. 56. m̄. 27. Quero ēt locū augis martis. 1447. quem inuenio. s̄. 2. g. 14. m̄. 31. τ ipsum subtraho a motu radicis. Residuum autem est centrum Martis. videlicet. s̄. 4. g. 41. m̄. 56. Quare intro in tabulam Martis supra quam notatum est. 4. 40. τ inuenio in directo dierum. 190. De motu. s̄. 2. g. 7. m̄. 25. De latitudine vero. g. 0. m̄. 51. septentrionali. De elogatione solis. s̄. 0. g. 58. m̄. 46. Inuenio etiam de equatione motus. m̄. 7. secūda. 12. minuēda: τ de equatione argumēti latitudinis. m̄. 0. secūda. 6. minuenda. de equatione vo elōgationis. m̄. 9. s̄a. 18. addēda: τ q: g. cētri supabūdātes gradib⁹ table sūt. g. 2. fere istas eq̄tiōes p. 2. mltiplico τ fiet eq̄tio lōgitudis mot⁹ m̄. 14. fere minuēda p equatione aūt latitudinis nihil pono q: parua ē. Equatio

vero elongationis addenda.m̄.18.fere. Deinde in tabula inuenio motū longitu/dinis in die.m̄.34.fa.36.que multiplico per diem vnū superabundantem dieb⁹ radicis: cuius ꝓductum idem est. Et quia vltra dies superabundantes sunt hō.21.m̄.1.ipsas multiplico ꝑ motum horarum tabule: qui est.m̄.1.fa.26.cuius productum est.m̄.30.fere. Qui motus dierum ⁊ horarum sunt addendi quia planeta directus est prout in tabula apparet.qui sunt.g.1.m̄.5.fere ⁊ minuēda ē equatio que est.m̄.14. Restat ergo addendum.g.0.m̄.51.quare motui tabule qui ē.s̄ 2.g.8.m̄.16.addito motu radicis qui fuit.s̄.0.g.56.m̄.27.fiet verus locus martis in logitudine in nona spera tempore dato.s̄.5.g.4.m̄.43. qđ est primū ꝓpositum. Ad latitudinem vero perficiendā quero motum latitudinis in die quē inuenio per differentiam primi ⁊ secundi introitus esse fm.36. ⁊ per ꝯn̄s in horis esse motum eius fa.1.fi addendum. Quare totus motus in diebus ⁊ horis respectu equationis que est minuenda pro nihilo ponitur. Quapropter latitudo martis primi introitus non mutatur que fuit.g.1.m̄.51.septētrionalis qđ est fm ꝓpositum. Motus enim elongationis solis per differentiā primi ⁊ secundi introitus que est in decem diebus.g.4.m̄.27.⁊ per ꝯn̄s in die.m̄.26.fa.42.⁊ in vna hora erit motus eius.m̄.1 fa.7.addenda que multiplico per diem.1.hō.21.m̄.1.fiet ergo motus ipse addendus.m̄.50.fa.9.quibus etiam addo minuta equationis que sunt.18.prout ante dixi. Erunt ergo addendi elongationi inuente in sūma .g. m̄.8.fa.9.que elongatio vt supradixi ē.g.58.m̄.46.quare tota elōgatio solis hora data ē.g.59.m̄.54.fa.9.qđ est tertium ꝓpositum.

¶ Utrum planeta fuerit stationarius directus siue retrogradus. Caplm̄.19.

Erfecta radice cuiusuis planetarum triū sc3 superiorū: veneris quoq3 ⁊ mercurii cum diebus superabundantibus in eius tabulaȝ intra: ⁊ quod supra motum eius notatum inueneris perquire: quia declarabit si fuerit motus eius directus aut retrogradus. Si enim directus fuerit ante primam stationem descendendo inuenies qn̄ incipiet retrogradari ⁊ illa die supra quam notatum erit retrogradus erit stationarius in statione prima vbi incipiet retrogradari: descendēdo aūt etiā notatum qn̄ incipiet dirrigi: ⁊ per ꝯn̄s numerando dies distantie habebis quot dies perdurabit directio ⁊ regrodatio sua.

¶ Utrū planeta fuerit orientalis seu occidentalis a sole. Capitulū.20.

Oc idem inuenies per distantiam eius a sole: De tribus autem supioribus qn̄ elongatio solis fuerit minor tribus signis erit planeta orientalis si plus erit occidentalis. In venere autem ⁊ mercurio qn̄ elongatio fuerit solis tunc planeta erit orientalis seu matutinus ⁊ apparebit ī mane ante ortū solis. Si elongatio fuerit planete erit occidētalis seu vespertinus ⁊ apparebit in sero post occasum solis. Si fuerint eorum elogationes a sole ante vl' post minus.9.gradibus: tunc erunt combusti ¶ Similiterq3 per tabulas patenter videre poteris per motum planetarum in die qn̄ fuerit veloces seu tardi cursu aucti vel diminuti numero ⁊ qn̄ ꝑ coꝝ distantiā a sole fuerint in almugnea solis debiles aut fortes respectu situs coꝝ a sole: ⁊ multa alia eorum accidentia que per alchabiciū in suo ītroductorio declarant: q: clare tuo diligēti studio videre poteris: que res multū iuuat ꝑscrutātes electiones seu iterrogatiōes ⁊ alia similia in iudicando necessaria.

¶ Tempus vere conclusionis ⁊ oppositionis luminariuȝ per tabulas Jo. Blan. inuenire. Capitulum.21.

Um tp̄s vere cōiunctionis ⁊ oppositionis luminariū in quolibꝫ mēse
anni ꝑscrutari volueris tabulā radicū ꝯiunctionis cū tp̄e dato ingre/
dere: ⁊ in lineis annoꝝ collectorū ⁊ expāsorum mēsium ⁊c. ꝑut ī tabu
la radicum lune dixi accipe qđ in directo inueneris de sup̄atione dieꝝ
de motu cōiunctionis qui est locus solis ⁊ lune. De argumēto medio: ⁊ de argu
mento latitudinis lune ꝓcedendo vsqꝫ in directo mēsis precedētis mensem ī quo
queris ꝯiunctionē seu oppōsitionē inuenire: quorum sūmā additā radici sep̄atim
nota. ¶ Postmodū respice in tabula breui: ⁊ accipe numeros maiores ꝓpinquio/
res in ipsa descriptos conditionales scꝫ. Si ꝯiunctionem mensis sequētis queris
aut oppositionales: si oppositionē queris. Ac etiam qđ in directo eorum inuene/
ris de locis solis: de argumēto medio: ⁊ argumēto latitudinis lune. De quibus
diebus minue dies sūme notatos: ⁊ loco solis ⁊ lune: Argumēto medio: ⁊ argu/
mento latitudinis lune adde locū solis ⁊ lune. Argumentū mediū: ⁊ argumētuꝫ
latitudinis lune tabule breuis: qđ post subtractionē ⁊ additionē peruenerit erit di
es mensis sequentis hō ⁊ minutis: in quo tp̄e media fiet coniunctio seu oppositio
luminariū ac etiam medius eorum motus. Argumentū mediū: ⁊ argumentum
latitudinis lune quod ꝓ radice salua. ¶ Postmodū de motu solis minue augē eius
cuius residuum fiet argumentū solis. Quere ergo tabulā solis in cōiunctionibus
sibi argumento suppositā: ⁊ accipe qđ in prima sup̄iore linea inuenies de loco so/
lis ⁊ de motu eius in horis quē motū adde motui radicis solis: ⁊ ex coꝝ sūma fi
et verus locus solis ⁊ eius motus in horis: hora medie cōiunctionis seu oppositi
onis predicta. Similiter quoqꝫ in tabulis lune in ꝯiunctiōibus quere tabulā sup/
positam argumento medio lune in radice reperto: ⁊ adde quod in prima superio
re linea inuenies de loco lune in radice reperto: ⁊ fiet verus locus lune tempore p̄
dicto ⁊ similiter motus eius in horis. habito igitur vero loco solis ⁊ lune hora me
die applicationis eorum ⁊ motu eorum vero in horis si loca coꝝ sunt idem non
oportet amplius laborare: quia applicatio media ⁊ vera sunt idem. Si autē vnꝰ
excedat alium in coniuuctione subtrahe locum vnius a loco alterius ⁊ vide cuius
erit longitudo: videlicet quis coꝝ precedat aliū illius dicitur esse longitudo in oppo
sitione vero primo loco solis adde tria signa: quo facto vide differentiā lōgitudi/
nis vt supra: quas differētias lōgitudinis: ⁊ cuius eorum erit longitudo de per se
nota: Deinde motū solis in horis de motu lune in horis minue ⁊ residuū ꝑ sup̄a
tionē tene. Deinde differētiā lōgitudinis notatā ꝑ p̄dictā superationē diuide ⁊ nu
merus quotiēs erūt hore ⁊ .m̄. ⁊ c. quas adde horis ⁊ minutis medie applicatio/
nis si lōgitudo fuerit solis vel ab hisdē horis minue si lōgitudo fuerit lune. ⁊ qđ
post additionem seu minutionē peruenerit erit tp̄s p̄cise vere cōiunctionis seu op/
positionis quesite. Exempli gratia.

¶ Quero tp̄s ꝯiūctionis luminariū de mēse augusti. 1447. imp̄fecto: quare ta/
bulam radicū ꝯiunctionis luminariū ingredior: ⁊ inuenio in directo ānoꝝ. 1440
de diebus dies. 20. hō. 4. m̄. 15. De motu. s̄. 5. g. 50. m̄. 42. De argumento me
dio lune. g. 77. m̄. 43. de argumento latitudinis. s̄. 2. g. 1. m̄. 27. Item in directo
annorum. 6. inuenio dies: 5. hō. 17. m̄. 40. de motu. s̄. 5. g. 53. m̄. 54. de argu/
mento medio. g. 110. m̄. 27. Item in directo mensis iulii anno non bisextili inuenio
dies. 5. hō. 6. m̄. 52. de motu. s̄. 3. g. 23. m̄. 45. de argumento. 180. m̄. 43. de argu
mento latitudinis. s̄. 3. g. 34. m̄. 42. quibus addita radice christi que in tabula in/
uenitur: videlicet dies. 16. hō. 17. m̄. 4. de loco. s̄. 4. g. 21. m̄. 49. de argumēto me
dio. g. 339. m̄. 55. de argumento latitudinis. s̄. 5. g. 52. m̄. 52. eorum summa est

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dief.47.hõ.21.m̃.51.d motu.s̃.1.g.30.m̃.10.d argumẽto medio.g.348.m̃.48.
De argumento latitudinis.s̃.1.g.18.m̃.38. Quero etiam in tabula breui dies ma/
iores propinquiores coniunctionales scilicet dies.59.hõ.1.m̃.28. quibus directo
sequitur loco coniunctionis: idest solis ⁊ lune.s̃.0.m̃.58.secunda.13. De argumẽ
to medio.g.51.m̃.38. De argumento latitudinis.s̃.1.g.1.m̃.20.a quibus subtra/
ctis diebus.47.hõ.21.m̃.51.radicis remanent dies.11.augusti hõ.3.m.37. post
meridiem. In quo tempore erit media coniunctio luminarium. deinde addito lo
cum coniunctionis: argumentum medium ⁊ argumentum latitudinis lune su/
prascripta loco ⁊ argumentum radicis eorum summa erit motus.s̃.2.g.28.m̃.
23. Argumentum medium.g.40.m 26.⁊ argumentum latitudinis.s̃.2.g.19.m̃
58.que omnia pro radice salua. Postmodum quero augem solis per regulas
precedentes: quam inuenio.s̃.1.g.30.m.40.⁊ ipsam subtraho de motu coniun/
ctionis remanet ergo argumentum solis.s̃.0.g.57.m̃.43.quod pono pro gra/
dibus.58. Quero etiam tabulam ipsi argumento suppositam: ⁊ inuenio in p̃ma
linea de loco solis.s̃.5.g.58.m̃.11.⁊ motus eius in hõ.2.secũda.25.cui loco ad/
do motum radicis: qui est.s̃.2.g.28.m̃.23.fiet ergo medius locus solis hõ medie
coniunctionis.s̃.2.g.26.m.34.⁊ motus eius in horis.m.2.secunda.25. Iterum
quero de tabulis lune in coniunctionibus tabulam suppositam argumento me/
dio radicis: quod est.g.40.fere ⁊ inuenio in prima linea de loco.s̃.5.g.57.m.2
de motu in horis.m.30.secunda.21.de argumento latitudinis.s̃.5.m.57.secun
da.2. Cui loco addo motum radicis qui est vt supra.s̃.2.g.28.m.23.⁊ factus est
verus locus lune.s̃.2.g.25.m.25.⁊ motus eius in horis.m.30.secunda.21. Ad/
dito etiam argumento latitudinis tabule argumentum latitudinis radicis: quod
est.s̃.2.g.19.m.58.⁊ factum est argumentũ latitudinis lune.s̃.2.g.17.m.0. Con
clusum est ergo locum solis hõ medie coniunctionis s̃.2.g.26.m.34.⁊ locũ lu/
ne.s̃.2.g.25.m.25.⁊ motũ solis in hõ.m.2.secunda 25.⁊ motum lune in hõ.m
30.secunda.21.⁊ argumentum latitudinis esse.s̃.2.g.17.m̃.0. Manifestũ est igit̃
locum solis precedere locũ lune p.g.1.m̃.9.idest per.69.m̃. Superat etiam mo/
tus lune in hõ motum solis p.m̃.27.secunda.56. Diuido ergo.m̃.69.p.27.56
⁊ perueniunt hore.2.m̃.30.fere.que hore addende sunt diebus ⁊ horis medie cõ
iunctionis: quia longitudo est solis que fuit vt supra dictum est dies.11.aug. post
meridiem hõ.6.m̃.7.diebus non equatis qd̃ est ppositũ. Si vero motum solis
multiplicabis per hõ.2.m̃.30.superius addendas ⁊ productum addes loco solis
hora medie cõiunctionis fiet locus solis hora vere coniunctionis: ⁊ si motũ lune ĩ
hõ multiplicabis per horas ⁊ minuta predicta ⁊ pductum addideris loco lune
hõ medie coniunctionis fiet locus lune hõ vere coniunctionis. Que loca solis scz
⁊ lune idem sunt si bene operatus es. adde etiam argumento latitudinis lune mo
tũ lune in horis.2.m̃.30.put addidisti loco lune: ⁊ vltra hoc motus capitis dra/
conis in totidem horis qui motus capitis est s̃a.8.p q̃libet hora: eorumq; aggre
gatio erit argumẽtum latitudinis lune hora vere cõiunctionis.

¶ Duodecim coniunctiones immediate sequentes faciliter inuenire.

¶ Capitulum vicesimum secundum.

I autem duodecim coniunctiones immediate sequentes scire desi de
ras tempori predicto medie coniunctiõis augusti adde dies.29.hõ.12
m̃.44.⁊ fiet tempus secunde medie coniunctionis: cui etiã adde.29.
12.44.⁊ fiet tp̃s tertie medie cõiunctionis ⁊ successiue sequere de con

iunctione in coiunctionē vsqȝ ad .12. Postmodū locū cōiunctionis qui est loc⁹ so
lis ⁊ locus lune quē habuisti in radice hora medie cōiunctionis de mense augusti
qui fuit .2.28.23. adde loco solis inuento in dicta tabula in sa linea ⁊ fiet locus ve
rus solis hō se medie ꝯiunctionis: ⁊ successiue descēdendo in tabulam ⁊ addēdo
radicē predictā fient loca solis de cōiunctione in ꝯiunctionem: in quorum directo
etiam habebis motū solis in vna hora in qualibet ꝯiunctione. Iterum similiter ꝓ
cede cum radice lune in tabula lune ⁊ habebis locū lune in qualibet media cōiun
ctione ⁊ motum eius in horis. Accepta differentia locorum ⁊ ipsa diuisa ꝑ supa/
tionem motuū in vna hora ꝓut supra dictum est perficies tempora earum vera
rum coniunctionum cuiuslibet per se. Similiterqȝ habita prima oppositione seq
poteris de oppositione in oppositionem ꝑ .12. sequentes oppositiones. Ut aūt cō
struere possis tacuinos per totum annum incipiēdo a Januario composui tabu/
lam bipartitam: cuius pars vna operanda est anno non bisextili . alia vero anno
bisextili ⁊ exercetur sic. habito die ianuarii horis ⁊ minutis coniunctionis seu op/
positionis medie luminarium quos ꝓ radice prime coniunctionis seu oppositio/
nis tene quere in tabula dies similes suppositos ianuario ⁊ in secūda linea ad de
xtram suppositam februario reperies dies hō ⁊ minuta februarii: quibus addes
ho. ⁊ minuta que in coniunctione seu oppositione ianuarii vltra dies habuisti si su
pererunt: ⁊ eorū sūma fiet dies ho. ⁊ minuta medie coniunctionis seu oppositio
nis februarii. Similiter illasmet horas ianuarii adde diebus ⁊ minutis marcii ap
lis ⁊ maii ⁊c. vsqȝ in finem anni ⁊ habebis tempus medie cōiunctionis seu oppo
sitionis per tot[.]m annū de mense in mensem: ⁊ qꝛ aliquando contingit ꝙ in vno
mense fient due oppositiones ⁊ coniunctiones: sicut in tabula patet. Similiter eis
adde horas ⁊ minuta radicis mensis ianuarii per ordinem sequere vt dictum est
habito igitur tempore medie coniunctionis seu oppositionis per totum annum
quere motum solis ⁊ lune: Argumentum eorum ⁊ argumentum latitudinis lu/
ne tempore medie coniunctionis seu oppositionis ianuarii prout supra dictum ē.
Quere etiam tabulas suppositas argumento solis: ⁊ argumento lune in quibus
cum motibus eorum sequere descendendo ⁊ habebis vera loca eorum ⁊ motuȝ
in horis: ⁊ argumentum latitudinis lune de cōiunctione in coniunctionem : seu
de oppositione in oppositionem per totum annum. inuenies etiam tempus vera
rum eorum applicationum ⁊ loca eoꝝ ꝓut in superiore canone dixi: qd ē ꝓpositū
Nota ergo conclusionem pulcherrimā ꝙ pluribus ⁊ diuersis modis inueni/
re potes quamlibȝ applicationē luminarium in anno ꝓut ex tua industria videre
potes per regulas precedētes: vt puta. Si vis coniunctionē augusti quam per do
ctrinam precedentē: ⁊ per eius specialē tabulam in prima linea inuenisti etiaȝ per
tacuinum inceptum a ianuario illius anni: ⁊ in eius tabula in octaua linea inuenies
Similiter si a martio incepturus eris inuenies applicationem augusti in sexta li/
nea. Si ab aprili inuenies in quinta linea: ⁊ si ab octobri ꝑcedēte incepturus eris
inuenies applicationē augusti in decima linea q̄ oēs applicationes ꝯcordari simul
debēt in tpe ⁊ loco. al's ꝓ certo tene ꝙ errasti.

Uerum locum solis per totum annum velociter extendere.

Capitulum vicesimum tertium.

Um verum locum solis per totum annum extendere volueris locuȝ
aug⁹ et⁹i āno ꝑcedēte: ⁊ dies horas ⁊ minuta sequētes p⁹ ipaȝ applica
tionē vsqȝ ad diē ꝑmā ianuarii anni dati iclusiue ꝑ doctrinam datam

ad inuenīendū verū locū solis inquire postmodū ꝑ additionē loci augis solis: lo/
co solis in tabula: in directo dierū correspondentiū primo ianuarii inuento: quere
locum solis verū ⁊ ipsum nota: in directo primi diei ianuarii. Deinde locum ipsū
augis adde loco solis in tabula immediate sequente descēdendo ⁊ erit locus solis
dies secundus ianuarii: ⁊ similiter sequere diem tertium ⁊ quartū ⁊c. ⁊ si cū die/
bus applicationis solis ad augē erunt hore ⁊ minuta scias ꝙ loca solis inuenta de
die in diem erunt ꝑ totidem hō. ante meridiē illoꝝ dierū. Si vero locuȝ solis ad
alias horas diei volneris distantiā horarū predictarū añ meridiē ad horas quas
loco solis volueris ꝑ motū solis in hō. in eius directo in tabulis inuentā multipli/
ca ⁊ ꝓductū adde loco solis prout añ dictū est: ⁊ fiet locus solis hora data: ⁊ sic
ꝓcedere potes vsqȝ in finem tabule: vtputa si locū solis ad horas meridiei equa
re volueris sicut construentes tacuinos communiter faciunt illas horas ante me/
ridiem multiplica per motū solis in hō ⁊ ꝓductum adde loco solis primo inuēto
⁊ habebis quesitū. In fine autem tabule terminabūt dies circa applicationem se
quentē solis ad augem infra annum: quam applicationē iterum precise inuenies
per regulā datā ⁊ cū loco augis in principio tabule reiterādo ⁊ sequēdo per ordi
nem descēdendo fiet locus solis de die in diem per totū annum vel vltra in infini
tum si tibi semꝑ reiterando in fine tabule placuerit.

¶ Verum locū lune ꝑ totum annū inuenire. Capitulum. 24.

I locum verum lune ꝑ totum annū de die in diem extendere volue/
ris locū ipsum die primo ianuarii illius anni primo inquire per regu/
la quam ante dixi: ⁊ de per se nota motum: centrū: medium ⁊ argu/
mentum latitudinis cum quibus locū ipsum inuenisti. Nota etiā dies
horas ⁊ minuta supatiōis ⁊ maxime horas ⁊ minuta q̄ supersunt diebus cū qui/
bus inuenisti locū lune in tabula: ⁊ hoc q: locus lune inuentus ꝑ additionē motus
lune in radice loco lune in tabula addita vel dempta solūmodo equatione erit lo/
cus lune illa die per tot horas ⁊ minuta ante meridiē quot erunt hore excedentes
dies radicis sicut in canone solis ꝓxime precedēte dixi: quem locum nota ⁊ descē
dendo in tabula de die in diem ⁊ locis quibus in ipsa inueneris addēdo motū lu/
ne in radice ipsis etiam addēdo vel de ipsis minuendo equationē ꝓut oportet cō
tinue habebis locū lune per horas ⁊ minuta suprascripta añ meridiē: ⁊ hoc suffi/
ceret ꝓ tuo vsu operando cui manifeste ꝯtinue erunt hore predicte: ⁊ similiter ꝓ
argumento latitudinis operari poteris. Si vero ad horas meridiei calculum re
ducere volueris multiplica horas predictas per motū horarum in directo dierū
correspondentium cuius ꝓductum adde sicut in canone solis dixi: ⁊. habebis q̄si
tum. Et si motū horaꝝ nouiter reformabis post additionē vel dem ptionem eq̄/
tionis ꝑcisior erit operatio: q: ꝓpter differentiā equationū ab vno die ad aliū ali/
quando motus horarum fiet maior aut minor q̄ȝ scriptum sit in tabula: tamē dif/
ferentia ipsa erit parua: nec de ipsa multū est curandum. Finita autem tabula pre
dicta ad continuandum intentionem ⁊ inueniendum de die in diem locum lune:
oportet operationem reiterare ⁊ aliam inquirere tabulam isto modo: videlicet il/
lis horis cum quibus operatus es in precedente tabula semper in omni reiterati
one adde hō. 10. m̄. 41. ſa. 24. corumqȝ summā ꝓ radice noue sequentis tabule:
salua. Si autem hore aggregate excederent horas. 24. ab illis horas. 24. remo/
ue: ⁊ cum residuo operare: ⁊ centro prime radicis adde. g. 3ii. m̄. 49. ſa. 19. ⁊ mo
tui prime radicis adde. s̄. 0. g. 3. m̄. 4. ſa. 12. Argumento autem latitudinis etiam

adde.s.o.g.4.m̃.31.fa.45.quorum summa fient radices noue operatiõis. In/
uenias enim tabulam correspondentẽ isti noue radici vel minorem ꝓpinquiorem
ꝓut in regula ad habendam verum locũ dixi: ⁊ cum motu radicis operando ip
sum addendo loco lune in tabulis descendendo de die in diem ⁊ equando ⁊c. fiet
locus lune vsq; in finem illius tabule: qua finita ⁊ operata addendo ⁊ reiterando
ꝓut ante dixi inuenies aliam tabulã ⁊ sic de die in diem operari poteris vsq; in
finem anni ⁊ vltra vsq; in infinitum ꝓ libito voluntatis. Solum restat vnum de
clarare ꝙ qñ post additionem.10.horarũ.m̃ 41.fa.24.quas dixi addendas esse
super hõ.precedentis operationis eorum sũma excederet hõ.24.in sequenti opa
tione ⁊ in sequente tabula cum motu lune noue radicis intra in secunda linea in re
cto: vz diei.1.⁊ exinde fiet locus lune in die immediate sequente vltimũ diem pre
cedentis tabule: quia si accipies quod est in prima linea: videlicz in directo diei.o.
perueniet tibi locus lune in meridie illemet qui fuerit vltimus dies precedẽtis ta
bule in meridie. Si autem aggregatio horarum predictarum non excederet ho/
ras.24.nec illas applicabunt cum ipsis operare in noua tabula ⁊ in prima linea ĩ
directo scilicet diei.o.⁊ fiet locus lune in die sequenti vltimum diem precedentis
tabule. Deinde descendendo ⁊ operando fiet locus lune vt supra dictum est: ⁊ sic
in infinitum poteris loca lune inuenire.

¶ Uera loca trium superiorum veneris etiam atq; mercurii continuando
extendere. Capitulum.25.

Uz vera loca triuz superiorum: veneris etiam atq; mercurii faciliter
per totum annum ⁊ continue extendere volueris: cuiusuis planetarũ
dies superabundantes motu ⁊ cẽtro die primo ianuarii anni in quo ta
cuinum extendere cupis quere cum quibus etiã locũ verum latitudi/
num ⁊ eorũ distantiã a sole repertũ addendo ⁊ equando ꝑ doctrinam preceden
tem nota. Si vero dies ipsi precise in tabula in qua operatus es in linea dierũ re/
periuntur sufficit. Sin autem etiam considera numerum dierum immediate de/
scendendo repertorũ: ⁊ differẽtiã supationis eorum ad dies radicis adde primo
ianuarii ⁊ vbi numerus terminabitur illi diei ianuarii correspondebũt numeri ip
si in tabula ⁊ cum loco: equatione: motu horarum illis in directo operando cum
motu radicis fiet locus eius ipsa dies. Similiterq; inuenies latitudinem ⁊ distan
tiam a sole ⁊ descendendo in tabula ipsa de.10.diebus in.10.dies. vel de.5.in qn
q;: aut de tribus in.3.⁊c. prout in tabulis planetarum differenter dies vsq; in fi/
nem tabule operando continue fient vera loca planetarum: latitudo ab ecclypti/
ca: ⁊ eorum distantia a sole ⁊ si vltra dies illos erunt hore semper locus ipse intel/
ligitur per totidem horas ante meridiem: que hore multiplicate per motus hora
rum ⁊ ꝓducto addito loco planete si motus eius fuerit direct⁹ vel dempto si fue
rit retrogradus fiet locus verus planete hora meridiei ꝓut superius dixi. Si au
tem tab'la ipsa extendetur vsq; ad finem anni sufficit. Si vero non oportet aliam
tab'lam pro operatione immediate sequente sicut in luna fecisti inuenire. Adde
ergo horis cum quibus in opatiõe precedenti operatus es: vz in opatõe saturni
ho.21.m̃.48.i opatõe iouis hõ.2.m.48.i opatõe mart' ho.1.m̃.37.i opatiõe ve
neris hor.1.m̃.46. In operatione mercurii hor.2.m̃.55. Eruntq; hore eorum
aggregate ⁊ minuta cum quibus in tab'la sequenti operari debes. Similiterq;
post dictam horarum aggregationem adde motui radicis Saturni cum quo lo
cum eius in tab'la precedente inuenisti.s.1.g.12.m̃.40. Motui autem Iouis ad/

de.s.o.m̄.33.scd̄a.9. Motui vero martis.s.o.m̄.48.ꝛa.44. Motui autē ve/
neris.s.3.g.35.m̄.33. Motui vero Mercurii.s.i.g.54.m̄.i3. Ex quibus ag/
gregationibus fient motus noue radicis quos salua ex parte. Postmodum de
ipsorum quolibꝫ motu subtrahe locum eorum augium ꝓ cētris eorum extrahē
dis cum quibus in tabulis correspondētibus ipsis cētris: ⁊ cum motibus eorum
operando equando ꝓut superius dictum est fiēt loca planetarum: latitudines ⁊
distantia ad solē vsqꝫ in finē tabule ⁊ si opus fuerit noviter reiterādo operationeꝫ
ad aliam tabulam repiendam ⁊ sequēdo de tabula in tabulam vsqꝫ in infinitum
ꝓcedere poteris.

¶ Ad reducēdum tēpus calculi facti diebus non equatis ad dies equatos: ⁊ post
modum ad horas horologii istius sexti climatis ad meridianum ferrarie.

¶ Capitulum vicesimumsextum.

I conuertere volueris dies non equatos ad dies equatos ⁊ horas pꝰ
vel ante meridiem ad horas horologii ad meridianum ferrarie huiꝰ
sexti climatis cum.g.signoꝝ. In quo tunc sol inuenitur tabulā horaꝝ
meridiei ⁊ equationis dierum ingredere: ⁊ quod in directo inueneris
de equatione dierum: minuta scilicꝫ ⁊ ꝛa horarum adde horis ⁊ minutis pꝰ me/
ridiem non equatis ⁊ quod ex eis aggregabitur fiēt ho.m̄.⁊ ꝛa diebus equat cū
quibus gradum ascendētē repire poteris ꝓut in sequētibus docebo. Uide etiam
quod in eius directo inueneris de horis ⁊ minutis meridiei scito ꝙ illa hora ho/
rologii cētrum solis ad meridianam lineam applicabitur. Adde ergo illis horis
horas post meridieꝫ diebus equatis ⁊ qđ ex eis aggregabit erūt hore horologii

¶ Gradum ascendētem ⁊ subsequēter figuram.i2.domorum celi ꝑ tabulas Jo
annis Blanchini erigere. Capitulum.27.

Um gradum ascēdentem ⁊ figuram.i2.domorum celi ad situm fer/
rarie sexti climatis erigere volueris in tabulam equationis domoꝝ
suppositam signo in quo tunc reperitur sol intra ⁊ in secunda linea ꝑn
cipii tabule ad sinistram quere numerum similem gradui solis in cu/
ius directo cum horis datis si hore ipse fuerint post meridiem diebus non equa/
tis ipsis adde equationes dierum immediate gradui solis correspondētes ad de/
stram ⁊ fient hore post meridiē equate. Si v̄o hore date fuerint post meridiē die
bus equatis non oportꝫ aliud de equatione addere: sed ipsis adde horas ⁊ minu
ta in directo gradui predicto solis ad destram sequentes supra quas scriptuꝫ est
meridiei: quas reperies in quarta linea tabule. Si vero hore date fuerint horolo
gii ipsis adde horas immediate sequētes ad dextram super quibus scriptum est
horologii in quinta linea. Inuentis igitur predict horis simul horis scilicet diebꝰ
equatis post meridiem datis cum horis meridiei tabule aut horis horologii da/
tis cum horis horologii tabule: si earum aggregatio excederet horas.24. de illis
24.deme ⁊ cum residuo operaberin. Si autem non excederent cum illamet sū/
ma operaberis. Quere igitur in tabulis in suprascripta linea quinta supra quam
scriptum est horologii numerum similem horarum aggregatarum: ⁊ quod in
earum directo in sexta linea inueneris supra quam scriptum est: Ascendens: erit
gradus ascendens illius signi cuius nomen scriptum erit in superiore parte tabu
le. In cuius etiam directo ad desteram in septima octaua nona decima vndeci/
ma linea notatum est ꝑma.g.secunda tertia quarta quinta ⁊ sexta domus illiꝰ si/
gni cuius nomē scriptū est supra ipsū gradū in sua linea ⁊ ꝑ oꝑꝫ ꝑ ipsorū gradus
zodiaci oppositoꝝ cōstitues.g.septime octaue none decime vendecime ⁊ duode
cime domus. Scripsi etiā in ꝑma linea cuiuslibet tabule ad sinistram dies mēsis

correspōdentes solis ingressioni in quolibȝ gradu signi: ⁊ hoc si tibi ignotus esset lo
cus solis ꝑ diē mensis solūmodo operari poteris: nec magnam differētiam ī gra
du ascēdēte repies: tñ precisius ē per gradū solis punctaliter opari. ⁊ nota si cum
gradu solis fuerint minuta: accipe horas sibi correspōdētes cū duplici introitu: ⁊
similiter cum horis aggregatis pro gradu ascēdētis ⁊ aliarum domorum extra/
hendo ꝓut alias dixi: ⁊ in sequēti exēplo duarum.

¶ Uolo erigere figuram sole in .g.17.m̄.20. sagittarii existēte hor.18.m̄.24. post meridiē diebus equatis. Intro enim tabulā suppositam sagittario ⁊ inuenio in .g. 17. in linea horarum meridiei hor.23.m̄.3. deinde vno gradu addito descēdendo hor.23.m̄.8. quorum differētia est .m̄.5. que per .20.m. que sunt vltra gradus so lis multiplico fietqȝ ꝓductum fa minuta .100. que per .60. diuisa fiet numerꝰ quo tiens .m̄.2.fa.40. que addo horis ⁊ minutis in directo .g.17. inuētis: fietqȝ hore ⁊ minuta correspōdentia .g.17.m̄.20. solis hor.23.m̄.4.fa.40. Quibus addo hor. 18.m̄.24. data erit eorum sūma hor.41.m̄.28.fa.40. A quibus subtractis horis vnius diei: videlicȝ hor.24. restant .17.m̄.28.fa.40. Quero ergo in tabulis ho/ rologii similē numerum ⁊ inuenio in tabula supposita soli in geminis minores ꝓ ꝓpinquiores: idest hor.17.m̄.24. quorum differētia a minutis quesitis sunt .m̄.4. fa.40. que pro multiplicatore numero multitudo saluo. Inuenio in directo hora rum .17.m̄.24. ad dexteram .g.1. sagittarii ꝓ ascendēte: ⁊ subsequēter ad dexterā procedēdo inuenio .g.5.m̄.45. capricorni ꝓ cuspide secunde domus: ⁊ .g.11.m̄.9 aquarii ꝓ tertia ⁊ .g.20.m̄.13. piscium ꝓ quarta ⁊ .g.14.m̄.51. arietis pro quinta: ⁊ .g.8.m̄.40. tauri pro sexta domo. Iterumqȝ cum secūdo introitu descēdendo accipio .g. prime sc tertie quarte quinte ⁊ sexte domus ⁊ inuenio differētiam ho/ rarū horologii .m̄.5.fa.0. que pro diuisore teneo. Postmodū inuenio differētiā prime domus a primo ad sm introitu .n.g.1. scilicȝ .m̄.60. Differētia secunde do mus .m̄.64. Differētia tertie domus .m̄.73. Differentia quarte domus .m̄.85. Differentia quinte domus .m̄.79. differētia sexte domus .m̄.70. Quas differē/ tias multiplico per .4.fa.40. que pro multiplicatore saluaui: ⁊ ꝓductum diuido per .5. que ꝓ diuisione notaui: ⁊ inuenio partē proportionalē prime domus fere minuta .56. secunde domus .m̄.60. tertie domus .m.68. quarte domus .m. 79. quinte domus minuta .52. sexte domus .m.65. que partes ꝓportionales addēde sunt .g. prime sc tertie quarte qnte ⁊ sexte domus primo inuente: fiēt ergo .g. pri me domus .m.59. sagittarii equati secūde domus .g.6.m.45. capricorni: tertie domus .g.12.m.17. aquarii quarte domus .g.21.m.32. piscium. quinte domus .g. 16.m.3. arietis sexte domus .g.9.m.45. tauri equati: quorum aūt .g. oppositi in zodiaco erunt cuspides septime octaue none decime vndecime ⁊ duodecime do/ mus ꝓut dictum est: quod est ꝓpositum.

¶ Nota admirabilem operationē per locū solis loca aliorum planetaꝝ ⁊ eoꝝ lati tudinem per tabulas Jo. blanchini inuenire. Capitulum .28.

Uere igitur per doctrinas precedētes medium motū solis die ⁊ hora data: a quo subtracta eius auge ꝓficies argumentū cuiꝰ equatiōe addi ta si argumētū fuerit plus tribꝰ signis seu dēpta si fuerit minꝰ a medio motu fiet locus eius verus locus prout in canonibus alphonsii decla ratum est. Cui argumēto adde ꝓ saturno .s.3.g.18.m.1.fa.41. ꝓ ioue .4.37.48 23. Pro marte .5.16.13.10. Pro venere .0. Pro mercurio .4.0.45.49. eorum qȝ aggregatum pro radice cuiuslibet eorum tene. deinde cum tēpore ipso tabulā superationum planeterū igredere ⁊ cuiussuis planete q̄re dies eiꝰ supabūdantes ꝓ doctrinā superius traditā ⁊ in totidem diebꝰ horis ⁊ minutis q̄re mediummo

tū solis: quē deme de radice suprius inuenta: ⁊ residuū memorie cōmenda. Quere igitur tabulam suppositam residuo predicto: ⁊ in directo dierum supabundātium inuenies elongationē illius planete ad solē: ac etiam latitudinem suā equādo ⁊ operando prout alias dixi: nec p motū seu locum planete al'r oz operari: que īuestigatio est subtilissima. Si ergo de loco solis dempseris elongationē cuiuslibet trium superiorum residuum erit locus planete: ⁊ similiter in venere ⁊ mercurio quando elongatio fuerit solis. Si autem elongatio fuerit veneris: aut mercurii loco solis adde elongationem ⁊ fiet locus cuiuslibet eorum.

¶ Planetarū calculū p tabulas Jo. blā. ad Alphōsii regulas reducere. Capl'm. 29.

Um mediū motū: centrū ⁊ argumentū cuiuslibet supiorū planetarū inuenire desideras cū tpe dato tabulā radicū cuiuslibz planetarū intra ⁊ pfice radicē eius put ī precedētibus dixi: dies scilicet supabundantes ⁊ motū eius: ⁊ illos de per se nota. Deinde in tabula medii m. t⁹ planetarū: ⁊ in illa que deseruit tuo planete intra ⁊ quere medium eius motū in totidē diebus horis ⁊ minutis quot sūt dies supabundātes: quē inuenies accipiendo mediū motū correspondentem diebus horis ⁊ minutis vsqz ad tui numeri perfectionē: ⁊ facta eorum sūma illam adde motui radicis ⁊ fiet medius motus planete die ⁊ hora data a quo subtracta eius auge remanebit centrū mediū. Postmodū in totidē diebus radicis quere medium motū solis a quo subtrahe mediū motū planete: residuū vero erit mediū eius argumentū. Cum his ergo cētro vz ⁊ argumento in tabula equationū eius per regulas alphonsii operādo perficies centrum: ⁊ argumentū equatum: ⁊ vltimo locū verū planete in nona spera.

¶ De tribus inferioribus. Capitulum. 30.

In venere autē ⁊ mercurio cū diebus supabundātibus perficies medium eorum motū: qd est vnum ⁊ idem cum medio motu solis: ⁊ cētrū mediū p subtractionē augis: ⁊ argumentū mediū p tabulas. De luna ēt simili modo opando inuenies mediū motū ⁊ argumentuz. Centrum vero mediū inuenies p residuū subtractiōis medii mot⁹ solis a medio motu lune duplicatū: ⁊ cum tabulis alphōsii ⁊ eius regulis perficies vera loca eorū in nona spera. Dempto etiam loco capitis draconis de loco lune residuuz erit argumentum latitudinis lune verum.

¶ Mediū motū ⁊ argumētū solis p tabulas cuiusuis planetarū supiorū: veneris quoqz ⁊ mercurii īuenire. Cap. 31.

I hoc idē inuenire volueris ad tps datū pfecta radice cuiusuis planetarū mediū motū solis ī diebus supabūdātibus radicis quere ⁊ ipsuz adde motui radicis planete: ex eorūqz sūma fiet motus medius solis die ⁊ hō data a quo auge subtracta fiet argumētū solis. Uel alio modo sic medio motui solis supius īuēto semp adde: si opatio tua erit p tabulā saturni. 2. 41. 58. 19. Si iouis. 1. 22. 11. 37. Si martis adde. 0. 43. 46. 50. Si veneris. 0 Si mercurii. 1. 59. 14. 11. Postmodū ēt illis adde cētrū cuiusuis planete in radice sua inuentū: ⁊ qd ex eo aggregabit' erit argumentū mediū solis.

¶ Latitudinē pl'tarū p eorū cētra ⁊ argumēta cōta p tabulas īuenire. Cap. 32.

Atitudinē lune cū argumēto latitudinis ei⁹ p doctrinā ī canone suo añ traditā perficere debes nec alia doctrina ad h' opus est.

¶ De latitudine trium superiorum. Capitulum. 33.

Um centro cuiuslibet trium superiorum equato in tabula sue latitudinis ⁊ cum duplici introitu si oportet intra: ⁊ quod in eius directo inueneris de minutis pportiōib⁹ accipe ⁊ nota colorē eorū si ī colore rubeo

seu nigro scripta sint quere in directo latitudinum similis coloris minutorum proportionalium per superiorem eius septemptrionalem scȝ aut meridionalem nota de qua latitudine accipe partem proportionalem sm partem minutorũ proportionalium ad.60.⁊ hoc erit latitudo planete septentrionalis: scilicet aut meridionalis put in titulo notatum est.

De latitudine veneris ⁊ mercurii. Capitulum.34.

Cum quorundam eorum argumento equato in eius tabula itra:⁊ qd in eius directo inueneris de declaratione ⁊ reflexione ⁊ eorum colores nigros scȝ aut rubeos vnumquenqȝ per se extra scribe. Postmodũ cum centro equato in eisdem tabulis quere minuta proportionalia ad declarationem scȝ ⁊ ad reflexionem ⁊ eorum colores cuiuslibet de per se nota. deinde de declaratione ⁊ reflexione accipe earum partes proportionales sm sua minuta proportionalia ad.60.que partes proportionales erunt earum latitudines ab ecclyptica. Si ergo.g.⁊.m̃.declarationis que primo cũ argumẽto inuenisti ⁊ minuta declarationis cum quibus partem proportionalem extraxisti fuerunt vnius coloris nigri scȝ aut rubei: scias illam latitudinem esse meridionalem. Si vero diuersi coloris erit latitudo ipsa septentrionalis: ⁊ similiter de latitudine reflexionis si reflexio ⁊ eius minuta fuerint vnius coloris latitudo erit meridiana. Si diuersi erunt colores erit septentrionalis. Quas latitudines ⁊ eius partes per se nota. Ultimo vero in directo eorum argumento equato in vltima linea inuenies latitudinem cuiuslibet ipsorum que peruenit de deuiatione deferentis que semper in venere est septẽtrionalis ⁊ in mercurio meridionalis. Suscipe.n.istas tres latitudines declarationis.s.⁊ reflexionis ac ex deuiatione deferentis ⁊ que erunt in parte septentrionis simul iunge ⁊ similiter que erunt in pte meridiei: vel si vna erit septẽtrionalis ⁊ alia meridionalis minorem de maiore deme: ⁊ quod post additionem seu subtractionem peruenerit erit cuiuslibet eorum latitudo septentrionalis scilicet aut meridionalis sm eorũ separationẽ ab ecclyptica.

Nota qꝫ in mercurio aliquando inuenies minuta proportionalia excedere in numero.60.qñ autem hoc tibi acciderit pro.60.accipe pro latitudine reflexionis illosmet gradus ⁊ minuta que in linea reflexionis primo sumpsisti. Postmodum illis adde ptem proportionalem que ex illis proueniet sm numerum minutorũ proportionalium excedentium.60.ad.60.⁊ quod post additionem peruenerit erit latitudo reflexionis.exẽpli gratia.

Uolo latitudinem iouis: centrum eius equatum.g.126.⁊ Argumentum equatum.g.321.existens.primo in directo.g.126.centri in tabula eius inuenio.m̃.16.Sa 24.in colore nigro ⁊ in directo.321.argumenti inuenio eius latitudinem etiam in colore nigro que est.g.1.m̃.9.sub titulo meridionali. De qua accipio partem proportionalem multitudo p.16.24.g.1.m̃.9.cuius pductũ erit.g.18.m̃.51.quos diuido p.60 ⁊ peruenĩũt.m̃.18.m̃.51.que pono pro minutis.19.⁊ hec erit eius latitudo meridionalis ab ecclyptica.

Si latitudinem veneris inuenire volueris: Argumentum eius equatũ.g.258 ⁊ centrum equatum.g.121.existens.primo in tabula eius in directo.g.258.argumenti inuenies declarationem.g.0.m̃.20.coloris rubei: ⁊ reflexionem.g.2.m̃.9. coloris nigri que nota put in margine videre potes. Deinde in ipsa tabula in directo.g.121.centri inuenies minuta ad declarationem.51.Sa.24.colore rubeo ⁊ ad reflexionem.m̃.30.Sa.52.etiam in colore rubeo. Item in eius directo inuenio de latitudine septentrionali ex deuiatione.m̃.5.Sa.9.postmodum pro partibus

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ꝓportionalibus extrahēdis multiplica.g.0.m̄.20.declarationis ꝑ.m̄.51.sa.24.
ꝓductumq; diuide ꝑ.60.erit eius latitudo.g.0.m̄.17.sa.8.⁊ quia declaratio ip
sa ⁊ eius minuta reperiunť vnius coloris scilicet rubei erit hec latit do meridia/
na. Similiterq; de.g.2.m̄.9.reflexionis accipio partē ꝓportionalē ex minutis.30
sa.52.quam inuenio.g.1.m̄.6.sa.22.⁊ quia reflexio ⁊ eius minuta repiuntur di/
uersi coloris erit hec latitudo septentrionalis. Sunt ergo tres latitudines duce sci
licet reflexionis ⁊ deuiationis septentrionalis que simul iūcte ꝑficiunt.g.1.m̄.11.sa
31. Alia vero declarationis latitudo est meridionalis.g.1.m̄.17.sa.8. qua dēpta
de latitudine septētrionali restat vnica latitudo septētrionalis.g.0.m̄.54.secunda
23.quod est propositum.

¶ Latitudo autē mercurii simili modo inuenitur.presuppono centrum equatū
g.189.⁊ argumentum equatū.g.224.¶ Primo cum argumento equato in eius ta
bula intro ⁊ inuenio in eius directo.224.declaratio.2.20.coloris rubei: ⁊ reflexio
g.2.m̄ 15.coloris nigri:quos extra scribo.deinde i directo.g.189.cētri iuenio de
minutis ad declarationē.9.2.24.coloris rubei ⁊ ad reflexionem minutorum.65
sa.1.coloris nigri: ⁊ de vltima latitudine meridiana ex deuiatione inuenio.m.44
sa.21.meridionalis que etiam sub primis noto.¶ Postmodum accipio partē pro
portionalē de.g.2.m.20.declarationis secūde eius minuta ꝓportionalia que sunt
9.24.ad.60.quam inuenio.g.0.m.22 meridionalis:q: declaratio ⁊ eius minuta
eiusdem rubei coloris repiuntur. Similiter accipio partem ꝓportionalem de.g.
2.m.15.reflexionis sm eius minuta que sunt.65.1.ad.60.⁊ primo pro minutis
60.accipio totam reflexionem:idest.g.2.m.15.de quibus etiā accipio partē ꝓpor
tionalem respectu minutorū.5.sa.1.ad.60.que sunt.m.11.que addo toti reflexiōi
Eritq; latitudo reflexionis.g.2.m.26.etiam meridionalis:q: reflexio ⁊ eius mi
nuta sunt vnius coloris.s.nigri.¶ Habeo ergo tres latitudines meridionalis decla
rationis.s.reflexionis ⁊ deuiationis:quarum summa erit latitudo mercurii in ꝑ/
te meridiei ab ecclyptica.g.3.m.32.quod est propositum.

Ato ꝙ supius capitulo de motu octaue spere de compositione ⁊ opa
tione eius breuiter dixissem:tamē ad maiorē operantium declaratio/
nem dico ꝙ sm Alphōsii regulā motus augiū ⁊ stellarū fixarū suaꝫ
ꝑficit reuolutionē ab occidēte in orientē in annis.49000 in quo tēpore
motus paruuli circuli in supficie octaue spere descripti circa caput arietis ⁊ libre
none spere a meridie in septētrionē septies suā ꝑficit reuolutionē aliqñ sm succes
sionē signorū ꝓcedēdo ꝑ suas equationes crescit cursus augiū ⁊ stellarum fixarū
⁊ aliquando contra successionē signorū reuertēdo minuiť cursus earuꝫ augendo
scilicꝫ in prima quarta circuli vsq; ad.g.90.sui motus in qua equatione addēda
semꝑ crescit vsq; ad.g.90.deinde in secūda quarta.s.a.g.90.vsq; ad.g.180.ipsa
equatio addenda semꝑ minuiť ꝑ eandē met proportionem: ⁊ ꝑ ꝯñs finita medie
tate supioris circuli nulla ē equatio sicut ⁊ in pncipio:ecōuerso aūt in alia medieta
te ⁊ in eius principio qđ est principiū tertie quarte:idest ad.g 180.vsq; ad.270.
ꝑ eandēmet ꝓportionē minuitur cursus augiū:q: equatio ē minuēda semꝑ augē
do suā diminutionē vsq; ad g.90. In quarta vo q̃rta ꝑ eundēmet ordinē minui
tur sua diminutio:ita ꝙ finito cursu eius reuolutionis qui finitur in annis.7000.
nulla est equatio. Similq; mō ꝓcedit in sa tertia quarta quinta ⁊c.vsq; in septi/
mā reuolutione:in quo tempore etiam pūctaliter finiť reuolutio augiū ⁊ stellaꝝ
fixarū octaue spere ⁊ qñ equatio reuolutionis primi circuli cōtra successionem si/
gnorum supat motū augiū ⁊ stellarū fixarū:tūc cursus stellarū erit retrogradus

idest cōtra successionē signorum in nona spera sicut clare patet in tabula circa finē se ⁊ principiū tertie quarte manifestū ē etiam ꝙ caput arietis octaue spere āno.15 pfecto ⁊ diebus.137.post natiuitatē christi fuit sub capite arietis none spere: ⁊ tūc nulla fuit equatio pui circuli p tabulas alphonsii videri pōt. Quare etiam ab illo principio traxi pncipium tabule huius: ⁊ p septē reuolutiones pui circuli in quo tē pore etiam octaua spera suū pficit cursum: posui motum suū de.60.annis. in.60 annos: ⁊ de quarta pui circuli in quartā. Ita ꝙ motuȝ eius inequalem in tpibus equalibus cōposui vniformē de quadratura in quadraturā ipsius vniformē. Intellige ꝙ motus eius in tēpore equali in pma ⁊ tertia quarta pui circuli idem sunt sicut etiam motus eius in secūda ⁊ vltima quarta equat: ⁊ p pñs in.49000. annis in quibus reuolutiones amboꝝ pficiuntur tota tabula erit reuoluēs: q: talis erit locus augium cōpletis annis.49060.a sui principio qualis fuit anno.60. dicti principii: ⁊ locus iste vocatur locus augis cōis. Radices vero augiū cuiuslibet planete notate sunt sub ipsa tabula in fine: qꝺ situs eorum dicto tēpore: videlicet anno.15.diebus.137.post natiuitatē christi: quare addēdo radicem cuiuslibet planete cum motu augium in tabula destra ad quodlibet tempus volueris habebis locum augium planetarum.

¶ De reformatione tabularum radicū planetaꝝ. Capitulū.35.

Principium cōpositionis tabularū radicū planetarū sumitur i sole: vȝ ab applicatione eius ad pūctum sue augis sui deferētis: ⁊ descēdēdo ꝺ die in diē notatus est motus eius verus ab auge circuli ꝓcedēdo quousqȝ reuertat ad aliā applicationē: tabule vͦo radicū lune pncipiuȝ sumit: qñ luna est in auge sui epicycli tps notatum in prima linea ad sinistrā sūt anni collecti: deinde expāsi mēses ⁊c. in quoꝝ directo ad destrā sunt dies supabūdantes: idest dies qui sūt a tpe applicationis lune ad augem sui epicycli imediate precedētis. Medium vͦo centrum: motus: ⁊ argumentū latitudinis i tabulis descripta sunt termini eoꝝ qui fuerunt tūc quando luna applicuit augi epicycli imediate pcedenti: tēpore illo radices christi: ⁊ alia tpa in tabula destra notata sunt quot dies supabundantes fuerunt in tpibus illis: ⁊ quod fuit centrū: medius motus ⁊ argumentū latitudinis lune hore ipsius applicationis ad augē epicycli imediate pcedentis. In tabula autem breui notati sunt dies reuolutionis epicycli lune ab ipsius augis applicatione vsqȝ ad ipsam denuo reuertat per motum epicycli ⁊ immediate in directo ipsorū dierū notatum est centrū. Medius motus ⁊ medium argumentū latitudinis lune in ipsis diebus: ⁊ de reuolutione in reuolutionē notata sunt vsqȝ ad quatuor reuolutiones integras: ⁊ sic ꝓcedi potest in infinitum. In tabula aūt radicū aliorū planetaꝝ similiter notati sunt dies supabundantes: idest dies secuti post applicationē planete ad augē sui epicycli ⁊ in eorum directo medius motus ipsius planete q tūc fuit tpe ipsius applicationis immediate pcedentis ad ipsius augē: ⁊ similiter in directo radicū eorū ⁊ in tabula breui notati sūt dies supabundātes ⁊ dies reuolutionum suorum epicyclorum cum motu medio prout in luna dictum est.

¶ Superius ostēsum ē per ea que dicta sunt in canonibus pcedētibus ꝙ dies descripti in tabula cuiuslibȝ planete i prima linea ad sinistrā sūt dies supabūdantes: In sole scȝ ab eius sepatione ab auge sui deferētis. In luna aūt ⁊ aliis planetis ab eorum separatiōe ab augibus suorū epicyclorū ꝓsupposito tunc centro eoruȝ medio. prout in rubrica tabule patet. Si igitur examinare volueris aliquā particulā quarundā tabularum hoc erit exemplū.

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¶ De examinatione tabularum lune. Capitulum.36.

I aliquam particulam tabular lune examinare volueris quere p do
ctrinam precedentē in ca. datam mediū eius motum: ⁊ medium argu/
mentum: atq3 argumentum latitudinis in diebus superabundantib⁹
absq3 alia radice que omnia de per se nota. Deinde quere in eisdē die
bus medium motū solis: quē de medio motu lune minue: ⁊ residuum dupla: ⁊
duplatū in.g. converte quos medio centro in rubrica notato adde ⁊ fiet centrum
medium lune ⁊ sic invenisti medium motū: Centrum ⁊ argumentū: ⁊ argumen
tum latitudinis lune. ¶ Postmodum quere tabulam equationis lune in qua cū cē
tro medio pmo intra ⁊ in linea illius numeri: quere numerū similē gradibus cē/
tri: ⁊ qd in eius directo inveneris de equatione centri: ⁊ de minutis proportionali/
bus sume: ⁊ quodlibet cor per se nota: ⁊ si cū gradibus centri fuerint aliqua mi/
nuta denuo cum uno gradu addito tabulam intra: ⁊ qd de directo inveneris ac/
cipe de equatione ⁊ minutis proportionalibus. ¶ Postmodum considera differen/
tiam inter primā equationem ⁊ secundam de qua differentia accipe partem pro/
portionalem sm proportionem minutor proportionaliū q ultra.g.ad.60.quā ptem
invenies multiplicādo minuta p differentiam ⁊ pductum dividendo per.60.⁊ ip
sā proportiōalē adde eqtioni cētri: ⁊ minutis proportionalib⁹ pmo invētis si eqtio primi i
troitus fuerit minor eqtione secundi introitus: vel ab ipsis minue: si prima fuerit
maior secunda: ⁊ qd post additionem seu subtractionem pervenerit ipsa erit equa
tio centri ⁊ minuta proportionalia correspondentia gradibus ⁊ minutis centri me/
dii lune: ⁊ ipsam per se nota. Si enim centrum predictum fuerit plus tribus si/
gnis ipsam equationem minue de argumento medio superius servato: si vo fue
rit minus tribus signis ipsam adde argumento pdicto: ⁊ quod post additionem
seu diminutionem pvenerit vocatur argumentū lune equatū. Deinde cum ipso
argumento equato cum eisdē tabulis: ⁊ accipe qd in directo inveneris de equati
one argumēti ⁊ de diversitate diametri: ⁊ si ultra gradus fuerint aliqua minuta i
tra cum duplici introitu ut supra dictum est de centro ⁊ unumqdq3 de per se no
ta. Deinde de diversitate diametri accipe partē proportionalem sm proportionem
minutorum proportionaliū superius salvator per equationem centri ad.60.⁊ ip/
sam partem proportionatem semper adde equationi argumenti lune: ⁊ fiet equatō
argumēti scdo examinata: quā adde medio motui lune supius svato: si argumē
tū fuerit plus tribus signis vel ab ea minue: si fuerit minus tribus signis ⁊ qd
post additionem seu subtractionē pvenerit erit verus locus lune notatus. seu no/
tandus in tabula. Componitur postmodum equatio in tabula ex loco lune in pri
ma tabula: ⁊ loco eius in secūda tabula immediate sequenti in totidem diebus su
pabundantibus: videlicet accepta differētia loci lune prime tabule ad locū ipsius i
secūda: ⁊ ipsa differētia divisa p.10.fiet equatio in tabula descripta super qua no/
tatum erit adde si locus lune secūde tabule excederet locum prie vel minue si lo/
cus prime tabule excederet locū scde. Dividitur enim hec differētia p 10. q3 dif/
ferētia rubrice prime tabule ad rubricā scde sūt.g.10. Motus nāq3 ad horas scri
ptus in tabula cōponit ex divisione differētie lune unius diei ad locū eius in die p
ximo sequente per.24. Et numerus quotiens erit motus eius in horis. Latitu/
do etiam componitur operando cum argumento latitudinis eius prout ante i ca
pitulo dictum est.

¶ De examinatione tabularum trium superiorum. Veneris quoq3
⁊ Mercurii. Capitulum.37.

E cuiuslibȝ triũm supiorum: Veneris quoqȝ ⁊ mercurii similiter q̃/
re in diebus supabundantibus particule mediũ coꝝ motũ absqȝ alia
radice quem ex per te nota. Postmodum ipsum medium motũ ad/
de centro in superiore parte tabule descripto. ⁊ fiet centrum cũis me/
diũ. qd̓ si ẽt ab eo subtraxeris motũ. 8. spe i diebus ipsis supabũdãtibus ꝑcisius
erit cẽtrũ: tñ ꝓpter tarditatẽ motus de ipso non ẽ curãdũ. Deinde in opatiõe tri/
um supioꝝ q̃re mediũ motũ solis in ipsis diebꝰ a quo mediũ motum planete mi
nue: residuũ erit mediũ argumẽtũ planete. De duobus aũt iferiorꝰ venere scȝ
⁊ in mercurio p tabulas coꝝ absqȝ radice inuenies eorũ argumentũ mediũ. hito
igit̃ medio cẽtro: ⁊ argumẽto cuiuslibȝ planetaꝝ i tabulã equationuȝ cuiꝰ planete
volueris itra ⁊ accipe cũ cẽtro equationẽ cẽtri cũ duplici itroitu si oȝ ꝑut in luna
dixi. Qd̓ si cẽtrũ planete fuerit plus tribus signis ipsã equationẽ adde cẽtro me/
dio atqȝ ipsã minue ab argumẽto medio ⁊ sup ipsã scribe addẽda. Si aũt cẽtruȝ
mediũ fuerit minus tribus signis ipsã equationẽ minue a cẽtro medio ⁊ eãdẽ ad
de argumẽto medio: ⁊ sup ipsã scribe minuẽda: ⁊ qd̓ pꝰ additionẽ seu diminutio
nẽ ꝑuenerit erit vtrunqȝ. s. cẽtrum ⁊ argumẽtũ equatũ. Iterũqȝ cẽtro equato in/
tra ⁊ accipe qd̓ in directo inueneris de minutis ꝓportionalibus sup q̄bus scribe
longior ⁊ ꝓpinquior ꝑut in tabulis notatũ repies. Deide cũ arg. eq̃tio i eisdẽ ta/
bulis itra ⁊ accipe qd̓ i directo inueneris de equatiõe argumẽti ⁊ de diuersitate di
ametri cũ duplici itroitu si oȝ ꝑut in luna dixi. Diuersitas aũt diametri in sil'i lon
gitudine lõgiori scilicet aut ꝓpriori sicut supra minuta ꝓportionalia cũ cẽtro acce/
pta inuenisti accipiẽda ẽ. De qua diuersitate diametri extrahe ꝑtẽ ꝓportionalẽ ſȝ
ꝓportionẽ minutorũ ꝓportionaliũ supius saluatoꝝ p equationẽ cẽtri ad. 60. ⁊ ip/
sã adde eq̃tiõi argumẽti si minuta ꝓportiõalia ⁊ diuersitas diametri accepta sint i
lõgitudine ꝓpiorẽ vel ab eq̃tiõe ipsã minue si accepta sint i lõgitudie lõgiore ⁊ ꝙ
pꝰ additionẽ seu sbtractionẽ ꝑuenerit erit eq̃tio ſo examiata sup scribe addat̃ si ar
gumẽtũ eq̃tũ fuerit minꝰ tribꝰ vl' minuat̃ si fuerit pl tribꝰ signis hñtur ergo due
eq̃tiões addẽde seu minuẽde vna. s. extracta ꝑ cẽtro alia vo cũ arg. Cõsidera qd su
p vtrãqȝ scriptũ sit. si. n. addat̃ seu minuat̃ scriptũ fuerit ãbas sil'iũge ⁊ aggrega
tũ adde seu minue de medio motu pl'te supꝰ ſuato ꝑut sup vtrãqȝ scriptũ ẽ. Si
vo sup vnã notatũ erit adde ⁊ sup alterã minue minorẽ de maiore deme. residuũ
vo vel miue de medio motu ſm eq̃tionẽ supãtẽ ⁊ ꝙ pꝰ additionẽ seu diminutio
nẽ ꝑuenerit erit verꝰ locꝰ pl'te i tabl'a scribẽdus cuiꝰ eq̃tionẽ inuenies ꝑut i luna di
xi. Motũ ãt i diebꝰ repies accipiẽdo differẽtiã loci pl'te ipsiꝰ ꝑticule ad locũ eiꝰ i ꝑti
cula imediate descẽdẽdo sequẽte ⁊ ipaȝ diuidẽdo p differẽtiã dieꝝ ꝑme ꝑticule ad
ſam. ꝙ si ẽt motũ diuiseris p. 24. erit motꝰ i hõ. sup quẽ scrib̃ ẽdũ erit adde si pla
neta fuerit directꝰ. i. ꝙ locꝰ ꝑme ꝑticule sit minor loco ſe vl' miue si pl'ta fuerit re
trogradꝰ: h̓ ẽ ꝙ locꝰ ꝑme ꝑticule sit maior loco ſe: latitudinẽ ãt eiꝰ inuenis opando
ꝑut supra dixi i calculo d̓ tribꝰ supioribꝰ ⁊ i calculo de duobꝰ iferioribus.

¶ De elõgatiõe pl'te ad solẽ ⁊ ecõuerso. Cap. 35.

E elõgatiõe planete ad solẽ ⁊ ecõuerso i tab. describẽda h̓ mõ inuenies ⁊ ꝑ
mo notãdũ ẽ ꝙ i ꝑn. tab. cuiuslȝ triũ supioꝝ venerꝭ ⁊ mercu. sp idẽ ẽ me/
diꝰ motꝰ planete ⁊ mediꝰ sol' ⁊ tũc tñ distat cẽtrũ mediũ pl'te ab arg. medio sol'
q̃tũ aux deferẽtꝭ pl'te ab auge deferẽtꝭ sol' q: si mediꝰ motꝰ sol' i diebꝰ supabũdãti
bꝰ ꝑticule addat̃ cẽtro pl'te i rub: i. tab. descripto cũ distãtia augꝭ sol' ab auge pl'te
coꝝ aggregatũ erit arg. sol' illiꝰ ꝑticule cũ quo tab. eq̃tõis sol' igredere ⁊ accipe eq̃
tionẽ eiꝰ cũ duplici itroitu si oȝ quã adde medio motui. si arg. fuerit plꝰ tribꝰ signis
C

17

2

ſtrae ſi fuerit minus ⁊ qđ pꝰ additionē ſeu ſubtractionē ꝓuenerit erit verꝰ locꝰ ſolis illiꝰ ꝑticule: cuius differētia a vͦo loco plāte erit elōgatio eoꝝ ī tabula deſcribēda. Nota ēt ꝙ ſemꝑ eq̄tio argumēti ſolis ī eodē tp̄e idē ē cū eq̄tiōe cētri veneris ꝑꝑ circuloꝝ ſuoꝝ differētiū ꝯformitatē: q2 diſtātia inter ſolē ⁊ venerē ſemꝑ equat̄ eq̄tioni argumēti veneris ſͦo examīate: q̄ ſi argumētū veneris eq̄tū fuerit minus tribus ſignis elōgatio erit veneris: ſi vͦo fuerit plus erit elongatio ſolis: ⁊ h̄ claꝝ eſt.

¶ Ad inueniēdū preciſe dies ⁊ horas ſtationū planetarū. Capitulū. 39.

Si preciſ: dies ⁊ horas ſtationū planetaꝝ īuenire deſideras: hīto centro ⁊ argumēto eq̄to plāte: p̄mo cū cētro eq̄to in tabula ſtationū planetarū ⁊ in illa que deſeruit tuo planete ītra: ⁊ qđ in eiꝰ directo īueneris ſtatiōē p̄ma accipe: quā de ſex ſignis minue ⁊ fiet ſtatio ſcđa. Scias. n. ꝙ qn̄ argumētū eq̄tū planete fuerit equale in. ſ. g. ⁊ minutis ſtatiōi p̄me: tūc planeta ē ī ſtatiōe p̄ma incipiēs retrogradi: ⁊ ſi argumētū ipſū fuerit eq̄le ſtationi ſͤe: planeta erit ſtationariꝰ ī ſͣa ſtatiōe īcipiēs dirigi: ⁊ ſi argumētū fuerit plus ſtatiōe prima ⁊ minus ſecunda ipſe erit retrogradus. Si autem fuerit plus ſtatione ſͣa vel min p̄maȷ planeta erit directus. Cōſidera ergo ī tabulis vbi ſcriptū ē in linea dierū retrogradus vl' directus: q2 vbi ſcriptū ē retrogradꝰ ibi ſtatio ē p̄ma: ⁊ vbi ſcriptū ē directꝰ ibi ſtatio ē ſͣa. Uide ergo in ſupiore die ⁊ in inferiore cuiuſuis ſtatiōis eoꝝ cētrū ⁊ argumētū eq̄tū ⁊ differētiā cuiuſlibꝫ eorū diuide ꝑ. 24. ⁊ hēbis motū eoꝝ in hō. vide ēt ī tabula ſtationū planetarū differētiā argumēti eq̄ti ad ſtationē p̄mā ſeu ſͣaꝫ ꝑ regulā iā dictā: quā differentiā ꝑ motū argumēti in vna hora diuide ⁊ numerꝰ quotiēs erūt hore ⁊ minuta: q̄s adde diei ſupraſcripto ſtatiōis p̄me ſeu ſͤe: ſi arg. eq̄tū fuerit minꝰ ſtatiōe vel ab ipſa minue ſi arg. fuerit plus ſtatiōe: ⁊ qđ pꝰ additionē ſeu ſubtractionē ꝓuenerit erit dies ⁊ hō ſtatiōis plāte p̄ma aut ſͣa ꝓut optatus fuerit: qđ ē ꝓpoſitū.

¶ Tp̄s reuolutionū ānoꝝ mūdi ſeu natiuitatū ac etiā cuiuſcūqꝫ alius p̄ncipii pūctaliter repire. Caplm. 40.

Um tp̄s reuolutionū ānoꝝ mūdi ſeu nat: vel cuiuſcūqꝫ alteriꝰ p̄ncipii inuenire deſideras. p̄mo rectifica radicē nat. ſeu alteriꝰ p̄ncipii: ⁊ locū ſolis hora ipſa diebꝰ nō eq̄tis ꝑ regulas ſupius traditas. Poſtmodū ꝯſidera ſi ānus ipſiꝰ radic: fuerit biſextilis: aut p̄mus: ſcđs vel tertiꝰ pꝰ biſextū. ⁊ q̄re in tabula de reuolutiōibus ānorū tabulā ipſi āno ſuppoſitā. Demū ꝯſidera diſtātiaꝫ āni cuiꝰ reuolutionē q̄ris ad ānū radicis cum qua ī tabula ſupradicta ītra ⁊ ī linea ānoꝝ q̄re numerū ſilēm ānis diſtātie ⁊ qđ ī eiꝰ directo īuener: de hō. m̄. ⁊ ſͣa ⁊c. accipe: ⁊ vide ſi ī directo ſibi ſcriptum ſit adde ſeu minue. Si ſcriptum eſt adde: ipſas hō. m̄. ⁊ ſͣa adde horis. m̄. ⁊ ſͣis radic:. Si ſcriptū ē minue: ipſas minue đ hō. radic: ⁊ qđ pꝰ additionē ſeu diminutionē ꝓuenerit erit tp̄s reuolutiōis radic: ſi eq̄tū āni dati: ⁊ q2 tabula ipſa n̄ excedit numerū ānorū. 40. ſi āt diſtātia āni reuolutiōis excederet ānos. 40. tūc qđ in directo annorū. 40. īueneris prio accipe. Poſtmodū cū ānis q ſupſunt iterū ī tabula ipſa ītra: ⁊ q̄re ho. m̄. ⁊ ſͣa eiꝰ ī directo q̄s adde vel minue cū aliis hō. ꝓut ſcriptū ē eis ī directo: ⁊ hēbis tp̄s p̄dictuꝫ n̄ eq̄tū. Iterū qꝫ vide gradū ſolis ī quo ſigno ē tp̄e p̄dicto: cū quo. g ī tabula p̄dicta ſub rubrica eq̄tiōis reuolutionū: ⁊ ī linea ſuppoſita ſigno ī quo ſol reꝑit̄ ītra ⁊ qđ ī directo gradus illiꝰ ſigni īueneris accipe: q2 erit ſͣa hō q̄ multiplica ꝑ ānos diſtātie reuolutiōis ad ānū radic: ⁊ ꝓductū adde: ſeu minue de hō. m̄. ſͣa ⁊c. tp̄is reuolutiōis nō eq̄ti ſupius inuēti ſm̄ qđ ſupraſcriptū erit ī tabula ⁊ hēbis tp̄s reuolutiōis eq̄tū. i. tp̄s p̄ciſe quo ſol īgredit̄ pūctū ī quo erat hō radic:. exēpli gratia

¶ Radix natiuitatis cuiuſdā illuſtriſſimi p̄ncipis fuit āno dn̄i īperfecto. 1383. die.

nouēbris post meridiē ho.18.m̄.38.sa.4.diebus nō eq̄tis sole tūc exn̄te in.g.24.
m̄.59.sa.39.scorpionis.q̄siui eniȝ tempus reuolutiōis ipsius natiuitatis āno do
mini.1435.qui fuit annus.52.pꝰ natiuitatē p̄mo q̄siui in tabula reuolutiōis sup/
posita annis.3.post bisextū: ⁊ in directo ānorū.40.in vltima linea inueni hō.7.m̄
9.⁊ sa.20.minuēda. Iterū in tabula p̄dicta in directo annorū.12.inueni ho.2.m̄.
8.sa.48.etiā minuēda.quare ī summa hore minuendē ab horis radicis sunt ho.
9.m̄.18.secunda.8.quibus demptis ab horis radicis restant ho.9.m̄ 19. secunda
56.pro tempore reuolutionis non equato. Demum quesiui in tabula equatiōis
in directo.g.solis: idest.25.scorpionis: ⁊ inueni secunda.26.addenda que multi/
plicaui per annos distantie: idest p.52. ⁊ peruenerunt.m̄.22.secunda.32.que ad/
didi tempori reuolutionis non equato: ⁊ factum est tempus reuolutionis equa/
tum die.8.nouembris post meridiem ho.9.m.42.secūnda.28.diebus nō equa/
tis in quo tempore scilicet anno.1435.sol ingressus est.in.g.24.m̄.59.secūda.39.
scorpionis: sicut in radice natiuitatis fuit: ⁊ hec operatio sufficit ⁊ precisa est p com
muni etate hominis. Sed si pro maiori tempore volueris reuolutionem alicuius
magni principii: per hunc modum operaberis. Si tempus precise reuolutionis
alicuius secte aut alterius magni principii inuenire volueris similiter considera an
num: mensem: diem: ⁊ horam ⁊c. Ac etiam si annus ipse fuerit bisextilis primus
secundus vel tertius post bisextum: nec non medium motum solis. Argumen/
tum ⁊ locum eius vt moris est. ¶ Postmodum considera numerum annoruȝ di/
stantie inter annum radicis ⁊ annum cuius reuolutionem queris cum quibus in
tabula prima solis de reuolutionibus annorum: ⁊ in linea annorum collectorum
quere numerum similem vel minorem p̄pinquiorem ⁊ quod in eius directo in
ueneris de diebus horis ⁊ minutis accipe ⁊ ex parte nota qui semper erunt mi/
nuendi vt in rubrica patet. ¶ Postmodum si annis collectis tabule supererunt an/
ni distantie cum ipsis in linea annorum expansorum quere numerum similem ⁊ in
tabula superius allegata de reuolutionibus annorum: ⁊ in eius directo in tabula
deseruiēte anno radicis respectu bisexti accipe quod inueneris de horis minutis ⁊
secundis ⁊ considera si in eius directo scriptum erit adde seu minue. Si scriptuȝ
fuerit minue horas ipsas adde diebus horis ⁊ minutis superius notatis. Si aūt
scriptum fuerit adde ipsas horas minue de diebus horis ⁊ minutis superius di/
ctis: ⁊ quod post additionem seu diminutionem peruenerit minue de tempore
radicis ⁊ habebis tempus reuolutionis non equatum quod de per se nota. hoc
facto quere augem solis tempore reuolutionis quam subtrahe de medio motu
tempore radicis: ⁊ habebis argumentum reuolutionis accipe etiam argumen/
tum inuentum tempore radicis: cum quibus argumentis in tabula secunda so/
lis intra cum quolibet eorum de per se: ⁊ cum duplici introitu si oportȝ: ⁊ quod
in eoruȝ directo inueneris de diebus horis et minutis nota. ¶ Postmodum consi
dera si argumentum solis in radice et argumentum in reuolutione vtrunqȝ scili/
cet fuerint minus.180.gradibus aut plus. Si sic erit tūc minue tempus maius d
minore: et residuū ex p̄te nota q̄ erit equatio t̄pis iuxta quā scribe adde si ābo ar
gumēta excedūt.180.et sup̄atio fuerit radicis: vel si ābo argu.fuerint minus.180.
et superatio fuerit reuolutionis. Aut iuxta ipsam scribe minue si ambo argumēta
excedant.180.et superatio fuerit reuolutionis: vł si ābo argumēta fuerīt minꝰ.180
gradibus et sup̄atio fuerit radicis. si āt argumēta solis ī radice et ī reuolutiōe fue
rint diuersa: ita q̄ vnum sit plus: aliud vero minus.180.gradibus: tūc t̄ps primi

ītroitus cū ħo adde: ⁊ aggregatū ex ꝑte nota: q: erit eq̄tio tp̄is ⁊ iuxta ipsā scribe
adde si argumētū radicis fuerit plus.180.g.vel minue si fuerit minus quā eq̄tio/
nē adde seu minue ꝓut supra scriptū ē tp̄i reuolutiōis n̄ eq̄to ⁊ hēbis tp̄s ꝑcise re
uolutiōis ꝓ vō loco sol' minuēdo. vbi gratia. Q̄dā p̄ncipiū fuit āno a natiuitate
dn̄i.141.die:25.aug.p⁹ meridiē hō.4.in sexto climate: ⁊ fuit tūc medi⁹ mot⁹ sol'.2
33.5.1.aux.1.13.27.40.arg.1.19.37.21.⁊ loc⁹ ei⁹ verus ī nona sp̄a.2.30.58.35.q̄si
ui reuolutionē ipsius p̄ncipii āno a nat.dn̄i.1450.quoꝝ distātia sūt āni.1309.p̄io
q̄siui tab.p̄mā solis de reuolutiōib⁹ ānoꝝ: ⁊ ī linea ānoꝝ collectoꝝ ī directo ānorū
1280.īueni dies.9.hō.12.m̄.59.⁊ ħa.37.⁊ supsūt āni.29.cū q̄bus in tab.ānoꝝ ex
pāsoꝝ ītraui ⁊ ī eoꝝ directo ī linea deseruiēte āno p̄mo p⁹ q̄ ānus radic̄ fuit p̄m⁹
p⁹ bisextū īueni.hō.0.m̄.48.4.ħa.44.qb⁹ ī directo scriptū ē adde ⁊ iō ipas sb̄
traxi a tp̄e supius īuēto ⁊ restarūt dies.9.hō.12.m̄.10.⁊ ħa.53. quos ēt sb̄traxi a
tp̄e radic̄ qd̄ fuit dies.25.aug̃.p⁹ meridiē hō.4. Restat ergo tp̄s n̄ eq̄tū reuolu
tōis die.15.aug.p⁹ meridiē hō.15.m̄.49.ħa.7.⁊ h̄ facto reassūpsi arg. solis anno
radic̄ q̄ fuit reuolu.in.g.79.m̄.37.ħa.21. Itē īueni augē solis āno reuolutiōis q̄
fuit.1.30.42.33.quā subtraxi de medio motu radic̄ restat arg.reuolutiōis reso/
lutū in.g.62.m̄.22.ħa.28. Deinde cū argumento radic̄ ītraui ī tab.ħa sol' ⁊ cū du
plici ītroitu īueni de eq̄tione dies.2.hō.3.m̄.22.⁊ ħa 25. Iterūq3 in ipsa tab.cum
arg.reuolutiōis ītraui ⁊ īueni eq̄tionē dies.1.hō.22.m̄.0.ħa.6.⁊ q: ābo arg.fue/
rūt minus.g.180.subtraxi maiorē eq̄tionem de minore: restauit dies.0.hō.5.m̄
22.ħa.19.quā ꝓ radice equata ex ꝑte notaui q: ēt deseruit oībus aliis planet̄ ⁊ iu
xta ipsā scripsi minue: q: suꝑatio est radicis. Deinde ipsā sb̄traxi de tp̄e non eq̄to
suꝑius saluato ⁊ restat tp̄s reuolutionis equatū anno.145.die.15.aug.post meri
diem hō.10.m̄.26.ħa.48.in quo tp̄e verus locus solis ē.2.30.58.35. ꝓut in ra/
dice fuit qd̄ ē ꝓpositū.

¶ Gradū ascendentem ⁊ ceterarū domorū cu
spides tā ī radice alicuius p̄ncipii q̄3 ī reuolutiōe suoꝝ ānoꝝ ꝑscrutari. Cap.41.

I gradū ascendentē ⁊ ceterarū domorū cuspides tā ī radice alicui⁹ p̄n/
cipii q̄3 ī reuolutiōibus suorū ānorū ꝑscrutari volueris p̄mo ꝯsidera tp̄s
illius p̄ncipii seu radicis ⁊ hō.m̄. ⁊ ħa post meridiē cū quib⁹ īuenisti lo
cū solis diebus nō equatis: quibus adde eq̄tiones dierū ꝑ doctrinas ꝑcedentes
⁊ habebis dies hō.m̄.⁊ ħa dieb⁹ eq̄tis postmodū ꝯsidera locū solis ī zodiaco tē
pore ipsius p̄ncipii cū quo ī tab.de eq̄tiōibus domorū ī tua regiōe ītra ⁊ accipe
qd̄ ī eius directo īueneris de horis ⁊ minutis in linea meridiei quas hō.⁊.m̄.pro
radice salua tā ꝓ radice ipsa q̄3 ꝓ oībus reuolutionibus ipsi⁹ radicis inueniēdis.
demū ꝯsidera hō.m̄.⁊ ħa post meridiē tā radicis seu p̄ncipii q̄3 cuiuscūq3 reuolu
tionis volueris ⁊ ipsas adde ho.⁊ minutis radicis saluate: cuius aggregatū q̄re
in tabula ipsa de equatiōib⁹ domorū ī tua regiōe ⁊ ī linea ho.horologii qd̄ in di/
recto īueneris ad dexterā erit gradus ascendentis tp̄e q̄sito quē sequunt̄ cuspides
ceterarū domorū ꝓut in canone dictum est: ⁊ sic de anno in annum facilime atq3
velocissime poteris rectificare oēs reuolutiones cuiuscunq3 principii tā ꝓ tp̄e q̄3
ꝓ ascendente ⁊ ceteris domibus.

¶ Uera loca planetarū ī quacūq3 reuolutione velociter indagare. Cap.42.

Um vera loca lune ceterorumq3 planetarū in aliqua reuolutione indaga
re volueris: p̄mo tp̄a radicis punctaliter equare debes loca planetarum
(vt moris est) ⁊ prout in canonibus suis demōstraui: ⁊ inter cetera de ꝑ
se notare radicem cuiuslibet eorum acceptā in tabula radicū eorum tā tp̄is q̄3 mo
tuū quas radices ꝓ tua radice in oībus reuolutionibus annorū salua. Postmo

dū cū numero annorum resolutorum post radicē in tabula de reuolutionib⁹ pla
netarū in lineis annorū collectorum et expāsorum intra: et accipe quod in directo
inueneris de diebus ⁊ motu et ipsas adde diebus et motui radicis qōlibȝ ſȝ suū
genus. Deīde ipsas diebus adde seu ab ipsis minue dies ho. et minuta equatiōis
inuēte: ex pte superius notate ī operatione solis: et ſm qd notatū est adde seu mi
nue ⁊ qd p⁹ additionē seu diminutionē peruenerit ꝑ radicibus planetaruȝ salua
ad īueniēdū eorū vera loca. ¶Post h̄ quere auges planetarū tpe reuolutōis quas
subtrahe a mediis motib⁹ et cū residuo quere tabulā sibi corrn̄dentē et operare ꝑ
ut in canōibus suis dictū ē ꝑ vo loco īueniēdo. vbi gratia. Anno dn̄i.141. tpe su/
prascripti pncipū īueni radicē lune in tabula ipsius radicis operādo ſm canonē d̄
diebus superabundātibus.17.25.ho.15.m̄.23 De centro.g.232 m.34. De mo/
tu.4.4.5. De argumēto latitudinis.2.55.2.cum quibus in tabula supposita.g.
cētri inueni eorū locū et latitudinē eius ꝑut in canone demōstrat: nūc volo radi/
cē ipsius anno dn̄i.1450.qui annus ē.1309.post principiū cū quibus in tabula lu
ne de reuolutionibus annorū intraui. et in pria linea annorū collectorū in directo
annorū.1280.postmodū in linea ānorū expāsorū in directo annorū.29.inueni ſaȝ
de dieb⁹.d.30.ho.21.m.19. Et de cētro.g.21.m.12. De motu.5.40.9. De argu
mento latitudinis.1.36.7.que oīa per se ſm suū genus collegi cū radice principii
quorū sūma ē.d.1.ho.10.m.5.a quibus subtraxi.d.0.ho.5.m.22.equatiōis su/
perius in opatiōe solis saluate. Et fuit residuū noue radicis dies.1.ho.4.m.43.
Sūma aūt seu noua radix cētri est.g.157.m.25.de motu vero.3.50.22. De ar
gumēto latitudinis.4.40.12.cū quibus in tabula centro supposita habetur ver⁹
locus et latitudo eius per regulā calculi.14. Silr mō ī radice pncipū īueni radiceȝ
saturni de diebus dies 166.ho.3.m.32. De motu vero.5.49.19. quibus ꝑ īue
niēdo verū locū eius anno.1309.post radicē addidi dies.194.ho.10.m.28.ꝑut ī/
ueni ī tabula de reuolutiōibus ānorū et facta ē ſa noue radicꝭ de motu.2.37.42.
de dieb⁹ aūt dies.360.ho.14.m.0.a quibus sbtraxi dies.0.ho.5.m.22. eq̄.iōis
suprascripte: et fuit residuū dies.360.ho.8.m.38.ipsius noue radicis. ꝑ īueniēdo
aūt locū saturni ho. pncipii a motu ipsius ī radice subtraxi augē ei⁹ dicti āni q fuit
supra.g.m. et fuit residuū.s.g.m. et in tabula sibi supposita īueni verū locū latitu
dinū distātiā ipsius a sole etc. p doctrinā capli.14. Silr ꝑ īueniēdo verū locū ei⁹
tpe reuolutiōis a medio motu ei⁹ sbtraxi augē dicti āni que est.s.g.m. et fuit resi
duū.s.g.m. et in tabula sibi supposita īueni verū locuȝ etc. et sic de aliis planetis
operādū est.

¶Verum locū capitis in reuolutionibus annorū inuenire. Capitulum.43.

Si verū locū capitis draconis ī reuolutionibus indagare volueris quere
verū locū ipsi⁹ tpe radicis cui adde motū ipsi⁹ ī directo annorū reuoluto
rū vsqȝ ad annū cuius reuolutionē queris et hēbis intētū. vbi gratia. Fu
it verus locus capitis tpe suprascripte radicis.1.7.42. Motus aūt eius post an/
nos.1309.qui sunt anni reuoluti post radicē fuit.4.2.26.qui simul iuncti ꝯstituūt
verū locū eius tpe reuolutionis.5.10.8.cuius oppositum est verus locus caude
quod est propositum.

¶Feriā cuiuscūqȝ mēsis latinorū: litterā dn̄icalē: aureū numerū et indictionem in
quolibet anno a natiuitate christi īdagare. Capitulū 44.

Cum ferias mēsiū: litterā dn̄icalē: aureū numerū et indictionē in quocūqȝ
anno īdagare volueris cū numero ānorū a natiuitate christi in tabulā ad
hoc specialiter ꝯstitutā intra et in lineis annorū accipe qd in eorū directo

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inueneris de numero sub rubrica feriaꝝ si ferias vel aurei numeri aut īdictiōi ag gregādo numeros annoꝝ a nat᷑. vsq; ad tui numeri ꝑfectionē: sil'r numeros feri arū aurei numeri ⁊ īdictionū ⁊ aggregato aurei numeri adde. i. Aggregato vero indictiōis adde. 3. Si aūt numerus feriarū excederet. 28. ab ipso deme. 28. ⁊ si ag gregatū aurei numeri excederet. 19. ab ipso minue. 19. Si ṽo aggreg. īdictiōis ex cederet. 15. ab ipso remoue. 15. eorūq; residuū nota: q: residuū aurei numeri ⁊ in dictionū erit aureus numerꝰ ⁊ īdictio deseruiēs ipsi anno. Sʒ residuū feriarū an/ norū a natiuitate xpi quere in ipā tabula descēdendo in ṗma linea ad sinistrā: ⁊ in eiꝰ directo ad dextrā hēbis ferias cuiuscūq; mēsis a ianuario īcipiēdo. Inuenies etiā circa feriā ianuarii litterā dn̄icalē deseruiētē ipsi anno ꝓ inueniēdo festa mobi lia ꝓut in sequētibus dicā. exempli gratia.

¶ Uolo a natiuitate christi. 1448. aureū numerū: indictionēq;: ⁊ litterā dn̄icalem atq; feriā mēsiū. ṗmo in ṗma linea ad sinistrā īuenio ānos. 1400. in quoꝝ directo sub linea feriarū repio. 0. ⁊ in linea aureū numerū. 13. ī linea ṽo īdictionū. 5. Itē ī alia linea annorū īuenio ānos. 40. in cuius directo ē de numero feriarū. 12. aurei numeri. 2. indictionū. 10. Supsūt aūt āni. 8. ad numerū annorū ꝑficiēdum: quare cuilibʒ numero addo. 8. ⁊ fiet in sūma numerꝰ feriarū. 20. Aurei numeri. 23. qbꝰ addo. i. ⁊ erūt. 24. a qbus subtractis. 19. erit aureus numerꝰ. 5. anni. Sūma autē indictionū erit. 23. quibꝰ addo. 3. ⁊ fiēt. 26. a qbus subtractis. 15. restāt. ii. p indicti one ipsius āni. Sūma aūt feriarū ē. 20. q̄ro in linea āni descēdendo ⁊ īuenio ī eoꝝ directo litterā dn̄icalē: f: feriā ṽo ianuarii die lune: februarū autem die iouis ⁊c. quod est propositum.

¶ De festis mobilibus īueniēdis. Capitulum. 45.

Nucta littera dn̄icali q̄re in tabulis festoꝝ mobiliū tabulā ipsi littere deser uientē in qua ꝯtinent᷑ sex linee a sinistra in dextrā ꝓcedēdo in qua sub ru/ brica aurei numeri q̄re aureū numerū illius anni ꝯsidera etiā si ānus ipse fuerit bisextilis an n̄. Si. n. nō fuerit bisextilis ꝓcedēdo ad dextrā sub suis rubricis īuenies dies septuagesime ⁊ cetera festa mobilia. Si ṽo annus fuerit bisextilis ꝓ/ cedēdo ad dexterā īuenies in directo: B: in colore rubeo festa mobilia: qm̄ pp bi sextū mutant᷑ dies. exēpli gratia. Inuenisti. in. 1448. litterā dn̄icalē f ⁊ aureū nu merū. 5. ⁊ in tabula supposita littere f ī directo aurei numeri. 5. īuenies ī anno bi sextili vbi notatū ē B dn̄icā septuagesime die. 21. ianuarii: primā diē quadragesi/ me die. 7. februarii: Pasca resurrectionis. 24. martii ⁊c. qđ est ꝓpositū. ¶ No ta etiā q̄ si multiplicaueris aureū numerū per. ii. ⁊ ꝓductuʒ diuiseris per. 30. qđ superit vocabit᷑ epacta qua ꝺʒ regulam clerici atq; vulgares vtunt᷑ ꝓ inue/ niendo etatem lune.

¶ De gnāli doctrina opationis tabularū Io. Blan. ad quecūq; calculū volueris in motibꝰ planetarū q̄ dicit᷑ corona tabule. Caplm. 46.

Atis mihi videt᷑ adimpleuisse qđ ꝓmisi ī ꝓhemio canonū: tā per tabu/ las cōpositas q̄ʒ p doctrinā ipsas operādi: ⁊ lʒ tā canones q̄ʒ tabule aliq̄ʒ/ tulū ꝓlixe ostendent᷑: est tn̄ opatio breuis ⁊ facilima respectu aliarū tabula/ rū ꝺm quas oʒ multo plures numeros aggregare atq; diuidere ⁊ cū cētris atq; aggregatis ītrare eorū eq̄tiones accipere ⁊ quasi semꝑ cū duplici introitu adeq̄/ re minuta ꝓportionalia longitudinē longiorē vel ꝓpinquiorē inquirere: ⁊ ꝑ ipsa minuta corrigere: ⁊ multa alia que nō solū imperitis sunt difficillima: sed etiā sapi entibus ac peritissimis valde tediosa: ⁊ qm̄ ꝑ eorū opatiōes loca planetarū īuenta sunt quasi ꝑ minima ꝑte astrologo cui ꝯuenit verum iudiciū ꝓferre est satisfactū

quare inuenire necesse est si planeta fuerit directus stationarius vel retrogradus
si velox vel tardi cursus: si ascendens vel descendens in centro et epyciclo: latitu/
dinem ex parte eius: et si est ascendens vel descendens in sua pte latitudis. Si ori/
entalis vel occidentalis vel cōbustus: p quibus oībus inueniēdis multas opatio
nes et varias regulas oz opari atqz multas tabulas reperire. Et aliqui cōposue/
rūt instrumēta p locis planetarū inueniēdis tñ cū magna difficultate. nec p ipa la
titudines planetarū pñt inuenire cū ceteris accñtiis nisi cum diuersis operationi/
bus aliarum tabularum. tñ facultas ipsarū operationū nullo modo harū tabula/
rum operationibus est equiparāda. qr nō pñt ita simplr locum planete solū per
longitudinem inuenire. qn primo oz instrumentū aptare. Deinde per alias tabu
las medium motū: Centrū et argumentū inquirere. postmodū trahere fila et lo
cum intersectionuz considerare et difficile possunt terminare et numerare gradus
limbi si instrumentum per .g. est diuisum: et multa alia que precise nec recte pos/
sunt operari siue considerare: dato etiam q instrumentum sit perfectum. Per
has autem tabulas in eo tempore quo oportet instrumentum aptare: et per alias
tabulas medium motum et centrum inuenire perficictur verus locus planete cū
sua latitudine in quacunqz parte eius retrogradatio: statio: vel directio orientalis
et occidētalis cum aliis multis accidētiis que ante vel post contingunt presentiali/
ter videri possunt. et vlterius per ipsorum elongationem a sole omnia pbare cuz
motus omnium planetarum cum solis motu sint alligati put in tabulis manife/
ste apparet et patere potest diligenter consideranti hoc qd scriptuz in theorica pla
netarum etiam per ptholomeum et alios qz plures de motibus planetarum et ali
is eorum accñtiis nec per instrumenta vel per alias tabulas postqz operationem
perfecisti aliquod refugium certum ad videndum si bene vel male fecisti habere
potes nisi operationē reiterādo et in ea fortassis operatione vel tabularū siue scri/
ptorum defectu aut culpa tua adhuc errare poteris. Noli ergo mirari de scriptu
re plixitate. et aduerte q si omnes alie tabule per reliquos composite in vnū vo/
lumen aggregarentur qz hoc esset plixius prout inferius ostendam: harum igit
tabularum breuitas atqz facilitas ceteris est certe preferenda per quas habita ve
ris planetarum motibus ibi quoqz eorum latitudines ac veros motus in dieb9
et horis ceteras deniqz dimensiones que requiruntur ac cogitari possunt tam p
preterito qz futuro tempore inuenies. quod nec instrumentis quidem nec cetera/
rum tabularum operationibus reperies. et per has tabulas vera planetarum lo
ca scripta cum minimo certe labore in infinitum poteris inuenire neqz alium ta/
cuinum siue almanach per determinatum tempus construere oz si harū tabulā
notitiam habueris. Nam summo erga illos amore qui in hac nobilissima scientia
se exercent omnes in calculo labores tediosos in me suscepi et in his tabulis solaz
conclusionem notaui vt tam iocundis calculis cum delectatione ad verum iudi/
cium perueniant. presuppono nanqz q he tabule ad eruditorum manus perue/
niant. quia non poterit aliquis nisi optima habuerit fundamēta ipsas itelligere. q
re ab oibus iocūdo ac leto aio acceptent. me tñ peritorum correctiōibus suppo/
no. et vt superius dictū est adhuc repeto q in capitulis. 19. 20. 41. ostēsū ē qualiter
per tabulas vero loco planete inuento illo instanti videri possunt tempora directi
onis statiōis retrogradatiōis latitudo ipsius ab ecclyptica orētalis atqz occñtalis
et cōbustiōes fortitudinesqz et debilitates ipsius velocitas tarditatesqz cursus. nam
qñ motus in die script9 in tabula fuerit medio ipsi motu: tūc velox dicit cursus si

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minor tardus ē in cursu. q̄ oīa in tabulis clare videri pn̄t. Sꝫ alia quoqꝫ accn̄tia i
iudiciis ꝯsiderant̄ vt in hoc pn̄ti ope necessaria plenarie habeant̄: quedā alia sub
iungam ne qd necessarium deficiat.

¶ Utꝝ planeta sit auctus vel diminutus numero aut par calculū. Cap. 47.

Uādo locus lune reperit̄ a ꝑncipio tabularꝝ vsqꝫ ad medietatē. qui sūt di
es. 13. in. 14. erit minuēs numerū. sed a medio vsqꝫ in finē erit augēs nu/
merū: ⁊ circa ꝑncipiū mediū ⁊ finē erit pari numero. In aliis aūt planetis
erit ꝯtrariū ꝑꝑ motū ꝯtrariū epyciclorū ipsorꝝ epyciclo lune: ⁊ qn̄ locus planete
preter lunā inuentus fuerit circa ꝑncipiū tabule ⁊ ab inde infra vsqꝫ circa medie/
tatē, dierꝝ tabule dicit̄ auctus numero ⁊ ab inde infra erit minuēs numerū ⁊ cir/
ca principiū mediū ⁊ finē dicit̄ pari numero. Dixi circa ꝑncipiū mediū ⁊ finē q:
ꝓpter motus cētrorꝝ ipsorꝝ in his terminis variant̄ aliqn̄: ꝫ in ꝑua differētia ⁊ ter
mini in quibus pn̄t aliquātulū variari: sicut in luna. d. 1. In saturno. d. 7. In mar
te. d. 25. In venere. d. 4. In mercurio. d. 1. Si ergo dies suꝑabundantes cū qui/
bus locū planete in tabula īuenisti fuerint circa dies ꝑncipij medij ⁊ finis tabule ꝑ
hos terminos aut plures elōgati q̄ꝫ dies predicti certe dico planetā esse auctū vel
diminutū numero absqꝫ dubio ꝓut supra dixi. Si aūt planeta inuenit̄ ꝓpe ꝑn/
cipiū mediū aut finē tabule ꝑ pauciores dies q̄ꝫ sint termini suprascripti: ⁊ videre
volueris punctaliter si erit pari numero vel diminuto aut aucto quere medium
motū planete ꝑ tabulas ad hoc ꝯstitutas ī diebus suꝑabundātibus cū quibus in
uenisti locū planete ⁊ si ipsū inueneris minorē q̄ꝫ sit motus in die scriptus in tabu
la erit augēs numerū ⁊ si medius motus fuerit maior erit minuens numerū. Si
aūt erit equalis erit pari numero.

¶ Utrū planeta sit ascēdēs vel descēdēs in circulo sue augis: Cap. 48.

Si videre volueris vtꝝ planeta sit ascēdēs vel descēdēs in circulo sue augis
ſm doctrinā alcabitii i ꝑncipio tertie differētie ⁊ guidonis forliuiēsis i ꝑn
cipio tertii tractatus sui itroductorii: necnō aliorꝝ astrologorꝝ. dico ꝙ p⁹q̄ꝫ
īuenisti verū locū ipsius ⁊ i illamet oꝑatione ꝑ radice īueniēda reꝑisti motū ve
rū augis. Uideas ergo distātiā īter augē ⁊ verꝝ locū planete que distātia si fuerit
nulla erit planeta in sūmitate sui eccētri: ⁊ iō videt̄ minoris magnitudīs atqꝫ luīs
q̄ꝫ esse possit: ⁊ minoris cursus respectu mot⁹ cētri epycicli i circūferētia sui eccen
tri. Cū aūt seꝑat̄ ab auge vsqꝫ in. 90. g. paulatim crescet ī magnitudīe luīe ac cur
su vsqꝫ ad eq̄litatē ⁊ ꝓpriā ei⁹ magnitudinē ⁊ lumē. ⁊ h̄ erit ī ei⁹ elōgatiōe ab au/
ge ꝑcise. 90. g. ⁊ a. 90. in. 180. paulatiꝫ crescet ī magnitudine luīe atqꝫ cursus: ⁊ ꝑ
ꝯn̄s in. g. 180. erit maior magnitudīe: luīe atqꝫ cursu q̄ꝫ eē possit: ⁊ a. 180. in. 270.
paulatim minuent̄ oīa ꝑdicta: sed ī gradib⁹. 270. erit eq̄lis ī magnitudīe luīe atqꝫ
cursu a. 270. vsqꝫ in. 360. minuet̄ in predictis: ⁊ in. 360. erit minor q̄ꝫ eē pōt. Ui
di multos operatores q hoc ꝯsiderarūt ꝑ motū cētri epycicli suꝑ circūferētiā eccē
trici ꝑ cui⁹ distātiā determināt h̄. ⁊ ex ipsis aliq oꝑant̄ ꝑ cētrū mediū. alii ꝑ cētrū
eq̄tū q̄ oꝑatiōes faciliter īuenient̄ ꝑ caplm ⁊ ꝑ ꝯn̄s cētrū mediū atqꝫ eq̄tuꝫ:
horꝝ oꝑatiōes nō vident̄ mihi consone: cū he passiōes augere ⁊ minuere magni/
tudinē ⁊ lumē: oculate vident̄ atqꝫ ꝯsiderant̄ solūmō ī corꝑe ipsi⁹ planete qui est
visibilis ⁊ nō ī cētro epycicli īuisibili.

¶ Exemplum de vniuersali atqꝫ oportuno calculo tam in electionibus q̄ꝫ in in/
terrogationibus natiuitatū annorumqꝫ reuolutionibus ac etiam de applicatione
alicuius planete in aliquod signum vel. g. signi: que omnia ex compositione tabu
larum aperte demonstrantur. Capitulū. 49.

Volo inuenire tp̄s applicatiõis martis ad signū ⁊.g.sue exaltationis :q̄ est in .g.28.capricorni:q: erit etiam in suo termino:⁊ sū in p̄ncipio ãni.1451. p̄mo ꝑfeci radicē martis in p̄ncipio ãni que est dies.551.hõ.3.m̄.59.mo tus autem.1.45.12.Centrum.5.31.25.Considero postmodū distantiā motus in radice ad.g.28.capricorni:que est.s̄.3.g.12.m̄.48.Deinde inuenio suppositā cen tro radicis.⁊ in directo.d.551.vel ab inde infra:quesiui in linea motus numeruz silẽm vel ꝓpinquiorē distātie radicis ad.g.28.capricorni q̄ vt supra fuit.3.12.48. ⁊ ipsū nõ inueni:quare certus sum ꝙ ꝑ totū tp̄s residui dicte tabule mars nõ ap plicabit ad.g.sue exaltationis:⁊ q: tp̄s cuiuslibꝫ tabule martis est.d.779.hõ.22 m̄.23.ꝓut in tabula breui scripta in tabula radicis planetaꝝ apparet:⁊ dies radi cis inuenti sunt.55.hõ.3.m̄.59.erunt ergo dies residui tabule.228.hõ.18.m̄.24 qui sunt dies anni.1451.in quibus certe nõ erit applicatio predicta:quare addidi motui ⁊ centro prime radicis motū tabule breuis qui est.0.48.44.⁊ factus est motus s̄e tabule radicis.2.33.56.⁊ centrum.0.20.⁊.9.quem motū etiā subtra/ xi de.g.28.capricorni ⁊ remanserunt.2.24.4.quos quesiui in s̄a tabula suppositā ta centro s̄e radicis.1.g.20.m̄.9.⁊ ipsos inueni in directo dierū.215. ho.1.m̄.55. in qua die ⁊ ho.erit applicatio martis ad.g.28.capricorni.Restat videre annuz mensem diē ⁊ horā ipsius applicatiõis:aggregabo ergo dies residui prime tabu le qui fuerūt.228.hõ.18.m̄.24.cum diebus.215.hõ.1.m̄.55.s̄e tabule ⁊ facta est sūma dies.443.hõ.20.m̄. 9.⁊ q: excedunt dies vnius anni ab ipsis subtraho di es totius anni.1451.qui sunt.365.⁊ erit residuum dies .78.ho.20.m̄.19.qui ter minant̄ in anno.1452.post terminū bisexti:quare erit applicatio ipsa vere die.18 martii post meridiē hõ.20.m̄.19.quod est ꝓpositum.

¶ In certa electione volui reperire in anno.1451.cõiunctionē corporalē veneris cū saturno cū dimensionibus motuū eoꝝ in celo.p̄mo q̄siui locū veneris circa p̄n cipiū ãni ꝓ libito volūtat̄ vt calculus leuior eēt vz die.4.ianuarii pꝰ meridiē ho. 17 m̄.41.⁊ ꝑ regulā calculi intraui in tabula radicū planetaꝝ:⁊ cū duobus introi tibus ꝑfeci radicē vz dies supabundãtes.205.⁊ motū.1.31.4.Deinde ꝑ tabulam inueni augē solis q: ē ēt aux veneris:quā inueni.1.30.43.⁊ ipsaz subtraxi a motu eius ⁊ residuū est centrū veneris.vz.0.0.21.⁊ in tabula cētro supposita. vz.0.0. intraui in directo dierū.205.⁊ iueni de motu.4.9.2.quem addidi motui radicis ⁊ factus est verus locus veneris.5.40.6.in cuius directo ēt vidi latitudinē ipsiꝰ g.1.m̄.39.meridionalis.Elõgationē a sole.g.46.m̄.9.Atqꝫ tūc motus ipsius in die

¶ Postmodū hora predicta quesiui locum saturni:⁊ primo radi/ cem eius vz.d.superabundantes.124.ho.13.m̄.39.Motū.2.50.21.Cētrū.4.37 40.⁊ vltimū locū veꝝ.3.6.40.ꝓpe stationē p̄mā volentē retrogradari ⁊ ꝑ ꝯn̄s cognoui tunc venerē distantē a saturno magno spacio:quare quesiui in ipsamet tabula loca saturni:⁊ cū ipsamet radice loca ipsius in p̄ncipio ⁊ in fine sue retro/ gradationis:necnõ ī fine tabule:que loca faciliter inueni nec curaui de magna pre cisitate ipsius.quare solū addidi motū s̄e statiõis ⁊ vltra motū vltime ꝑticule. ⁊ inueni locū saturni circa p̄mā stationē.3 6.24.⁊ fuerūt circa dies.3.post radicem ⁊ in secunda statione scꝫ in principio sue directiõis fuit locus eiꝰ.2.59.31.circa .d. 140.post radicē vt in linea dieꝝ numerãdo apparet.Deinde in fine tabule : idest circa dies.250.post radicē inueni locū ipsius circa.3.8.58. Postmodū subtraxi motū radicis veneris:qui fuit.1.31.4.de saturni locis suprascriptis:⁊ inueni distā tiam radicis veneris a loco saturni in radice.1.35.36.⁊ alio loco ipsius retrogra/ dationis.1.31.20.In fine vero.1.28.29.⁊ in fine tabule.1.37.54.hoc facto reuer/

as ad tabulam veneris ⁊ in eodē instanti ꝓspexi in linea motus ⁊ in terminis die/
rū suprascriptorum: vꝫ.d.3.140.250.post radicem qui fuerunt dies.127. 345.
455.tabule ⁊ nō inueni de motu veneris similes nec ꝓpinquos ad.3.g. ⁊.m̄.di
stantiarū suprascriptarū radicis veneris a locis saturni. Quare certū est ꝙ infra
tp̄s durationis tabule saturni qui sunt dies.250.post radicē non erit ꝯiunctio cor
poralis veneris cum saturno. Sed aperte videtur ꝙ circa dies.285.post radiceꝫ
qui sunt dies.490.scripti in tabula veneris vt iam directo reperit̄ de motu.i.37.
52.q: sūt ꝓpinqui vltime distantie possibile ē venerē saturno applicari. quare ad
didi radici prime saturni.d.285.⁊ fuit aggregatū.d.409.hō.13.m̄.39.a quibus
subtraxi dies tabule breuis ⁊ fuit residuū noue radicis.d.31.hō.11.m̄.27. Addidi
etiā motui prime radicis ⁊ centro.0.12.40.⁊ factus est motus noue radicis.3.3.
1. Centrū autē.4.50.20.hoc facto quesiui locū verū saturni cum ista noua radice
quem inueni.3.12.17.⁊ in eius directo motū in die.m̄.6.fa.42. In hō.vo.m̄.0.
fa.17. Item inueni locū veneris in directo dierū.490.quem in eisdē diebus inue
ni.3.8.56. Motuꝫ aūt in die.g.1.m̄.14.⁊ fa.36.in ho.vero.m̄.3.fa.7. Subtra
xi ergo locū veneris de loco saturni ⁊ inueni elōgationē saturni.g.3.m̄.21. Subtra
xi etiā motū in die ⁊ in ho.saturni de motu veneris ⁊ inueni superationē motuum
veneris.g.1.m̄.7.fa.54. In die aūt.m̄.2.fa.50. In hō.   diuisi postmo/
dū elongationē per sup̱ationē motus ⁊ peruenerūt dies.2.hō.23. addēdi radici:
quare cōiunctio v̄a veneris cū saturno erit per dies.287.ho.23.post primā radi
cem idest die.19.octobris.1451.post meridiem ho.16.m̄.40.⁊ si palā ⁊ illo instā
ti videre volueris vtrū bn̄ operatus sis respice in directo dieꝝ post radicē cuiusli
bet eoꝝ qui sunt.d.vt supra.287.ho.23.⁊ terminant̄ in tabula saturni vltimo inuē
ta in directo dierū.34.ho.10.m̄.57.⁊ in tabula veneris ī directo dierū.492.ho.
23.⁊ vide distantiā solis ab vtroqꝫ ipsoꝝ absqꝫ alia radice ⁊ si ꝑ distantiā cuiusli/
bet eorum inueneris vnū ⁊ eundē locū solis certū est ꝙ bn̄ es sin aūt male. quesi/
ui ergo ipsam distātiam quam inueni.g.22.m̄.34.⁊ ideo certus sum ꝙ op̱atio est
veridica: ⁊ ꝙ sol precedit ipsam ꝯiunctionū.g.22.m̄.34. Vidi etiā vera loca vene
ris ⁊ saturni: ⁊ ipsa inueni pūctaliter terminare in.g.12.m̄.37.libre none spere: q̄
re duplici mō certificata est op̱atio. Cōcluditur ergo ꝯiunctionē corporalem vene
ris cum saturno esse.1451.die.19.octobris post meridiē hō.16.m̄.40. Nūc restat
demōstrare ipsorū accn̄tia que euidenter ꝑ tabulas: p̄mo dico ꝙ venus est dire/
cta vt pꝫ in rubrica tabule supra locū ipsius scripta: est ēt aucta cursu: q: motꝰ eiꝰ
in die superat mediū motū. Aucta etiā numero q: locus eius repertꝰ est īter me/
diū ⁊ finē tabule extra terminos datos: latitudo eius ē septentrionalis.g.1.m̄.20.
ascendēs in septētrione: vt in directo in sua linea scriptū ē: ⁊ q: successiue descēden
do latitudo eius auget̄ ⁊ augēdo ꝓcedit vsqꝫ ad.d.18.⁊ hoc videt̄ q: descēdēdo
ꝑ.d.18.vꝫ in directo dierū.510.tabule: latitudo erit.g.1.m̄.25. Deinde reuertet̄
versus ecclypticā per.d.60.vꝫ in directo dierū.570.vbi trāsit a septētrione ī me
ridiē: erit ēt hō ꝯiunctionis orientalis a sole seu matutinalis: q: sol ꝑ motū ꝓpriū p̄
cedit ipsam: tūc corpus veneris cū saturno apparebit ꝯiunctū in mane an̄ ortū so
lis: erit etiam venus in inferiori parte sui eccētrici ⁊ ꝑ ꝯn̄s aucta lu̇ie: magnitudīe
atqꝫ cursu. q: locus eius distat ab auge.g.101.m̄.54.augēdo etiā paulatiꝫ magni
tudinē: lumē atqꝫ cursū suū. Dico etiam ꝙ saturnus in ꝯiunctione est directus ⁊
augēs cursū ⁊ causis sup̱ius allegatis in venere. Sꝫ diminutus numero q: locus
eius rep̱tus ē inter p̄ncipiū ⁊ mediū tabule extra terminos. latitudo eius ē septen
trionalis ꝑ.g.2.⁊.m̄.3.ascēdēs in septētrione ⁊ ascēdēdo ꝓcedit vsqꝫ ad dies.156

post radicē vsq3 ꝑueniet ad.g.2.m̄.59.septētrionalis ⁊ postea reuertetur ad ec/
clypticam ac etiam tunc erit retrogradus que retrogradatio īcipiet circa dies.92
post primā radicē que ꝓcedit vsq3 ad.d.230.post predictā radicē: q̄re ꝓcedit in
retrograd atōe ꝑ.d.138.erit ēt ho.ꝯiūctionis oriētalis sicut in venere dixi erit etiā
in superiori parte sui eccētrici: ⁊ ꝑ ꝯn̄s diminutus magnitudine luīe atq3 cursu: q̄
re distantia eius ab auge est circa.g.300.ſm successionem signorū. ¶ In alio vo
exēplo dato ꝙ saturnus sit ṗncipalis significator vnius. Juppiter vo alterius vo
lo inquirere vtrū in toto anno a natiuitate xp̄i.1450.sit ipsis ꝓnosticandū ex cō/
mixtione significatorū.quesiui primo vera ipsorū loca in ṗncipio anni.1450.⁊ in/
ueni radices saturni dies.132.hō.22.m̄.10.Motū.2.37.41.Centrū.4.25.2.⁊ lo/
cum verū.2.54.15.retrogradū.Itē inueui radices iouis.d.36.hō.21.m̄.48.mo
tum.4.12.19.Centrū.1.19.26.locū verū.4.15.40.directū.Ex quibus videt̄ io/
uem ꝑ motū suū moueri versus quadraturā saturni.ac etiā saturnū ꝑ retrogra/
dationē reuerti versus iouē: ⁊ distātia inter ipsos respectu eorū aspectus quarti ē
g.8.m̄.35.q̄re vidi descēdēdo in tabulis cuiuslibz eorū ꝙ per retrogradationē sa
turni amborū motus ꝓcedūt versus ꝯiunctionē aspectualē circa dies.40.quare
ꝓ facilitate operationis addidi radici.d.43.ho.2.m̄.12.⁊ facti sunt dies radicis io
uis punctaliter.80.In quibus directo ī tabula supposita cētro radicis faciliter ꝑ/
feci verum ipsius locū.4.23.14.directū.Motū autē in die.m̄.8.ſa.0.in ho.vo
m̄.0.ſa.20.Addidi etiā suprascriptos dies ⁊ ho.radici saturni ⁊ facti sunt.d.176
ho.0.m̄.22.in quorum dire cto in tabula supposita cētro saturni ꝑfeci verū locū
2.52.17.Motū aūt in die retrogradū.m̄.4.ſa.12.in ho.vo.m̄.0.ſa.10.quare ꝑ
subtractionē vnius veri loci ab alio inueni locū iouis precedere locum saturni in
aspecto quarto ꝑ.m̄.57.Deinde cōsideraui motū amborum in die ⁊ in ho.⁊ ꝙ
vnus ipsorū erat directus.Alter vero retrogradus quare motū vni⁹ addidi mo
tui alterius quorū sūma est motus in die.m.12.ſa.18.in ho.vero.m.0.ſa.30.ꝑ
quos diuisi distantiā locorū que fuit.m.57.vt supra dixi ⁊ peruenerunt dies.4.
ho.15.m.6.⁊ q: iuppiter tunc directus precedebat locū quarti aspectus saturni.
subtraxi dies.4.ho.15.m.6.de diebus.43.ho.2.m.12.superius additis p̄ie ra/
dici: cuius residuū fuit.d.38.ho.11.m.6.post primā radicē in qua die ⁊ ho.erit va
ꝯiunctio aspectualis de quarto iouis cū saturno: v3 die.7.febr.post meridiē ho.
11.m.6.Volui etiā videre vtrū bn̄ operatus fuerim ⁊ feci elongationē ipsorū a so
le in directo dierū tabule correspondentiū diei ꝯiunctionis aspectualis qui fuerūt in sa/
turno dies.171.ho.9.m.16.⁊ in ioue dies.75.ho.8.m.54.absq3 alia radice.Et
inueni elōgationē solis a saturno.s̄.2.g.35.m.52.Et a ioue.s̄.1.g.5.m.52.Qua
re pariter a diuuicē elōgati sunt.g.1.m.30.in aspectu quarto ⁊ oriētali ī mane ap/
parentes an̄ ortū solis cū latitudine ⁊ aliis dimēsionibus ꝓut in tabulis ipsorū ap
te videt̄.Cōsideraui postmodū ī tabula iouis ⁊ vidi ipsū directū se a saturno elō
gare vsq3 ad dies.132.tabule qui sunt circa dies.57.post ꝯiunctionē aspectus ⁊
tūc factus est retrogradus ⁊ retrogradatio reuertit̄ ad saturnū tūc etiā retrogra
dū: sed circa dies.36.Saturnus factus direct⁹ ⁊ ꝓcedit versus iouē ⁊ grosso mō
vidi ꝙ circa.d.180.post primā radicē denuo ꝯiungent̄ de quarto q̄re dieb⁹ p̄ie
radici addidi.d.177.ho.1.m.50.ꝓ libito volūtatis ⁊ fcī sūt dies tab.saturni ṗcise
310.Sed dies iouis erūt dies.213.ho.23.m.38.in quorū directo cū radicib⁹ mo/
tuum suorū inueni locū verū saturni.2.48.53.directū ⁊ motū in die.m.5.ſa.0.
in ho.vero.m.0.ſa.12.⁊ locum iouis.4.19.49.retrogradū motum in die.m.6.
ſa.24.contra successionem signorū.in ho.m.0.ſa.16.Postmodū vidi distātiā

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quadrature saturni ad locũ iouis que fuit.g.0.m.56.Vidi etiam motũ in die ⁊
ho.cuiuslibet ipsorũ qui fuerunt in saturno directo in die.m.5.fa.0. ⁊ in ho. m.
0.fa.12.Et in ioue retrogrado.m.6.fa.24.In ho.vero. m.0.fa.16. Et q: vn⁹
erat directus:alter vero retrogradus accelerabant futuram coniunctionẽ addidi
vnum cũ alio ⁊ factus est motus ipsorũ in die.m.11.fa.24. In hora vero.m.0.
fa.18.Diuisi ergo distantiã iouis a saturno superius acceptam que fuit.g.0.m.
56.per aggregationem motus in die ⁊ in hora.⁊ peruenerunt.d.4.ho.22.m.17
qui sunt addendi diebus.177.ho.1.m.50.superius acceptis.⁊ facti sunt dies p⁹
primam radicem ⁊ per consequens dies anni.182.ho.0.m.17. Quare cõiunctio
ipsa aspectualis de quarto perfecte fiet die primo iulii post meridiez.ho.0.m.17.
tunc saturno exñte in.g.19.m.17.virginis directo.ioue vero in.g.19.m.17.sagit/
tarii retrogrado:p̄feci etiam elongationem solis ab vtroq; ipsorum:quã inueni a
saturno .4.58.12.A ioue vero.3.28.12.Quare ãbo erunt occidentales ⁊ appare/
bunt in sero post occasum solis.hoc facto aperte vidi per tabulas iouem per re/
trogradationem separari ab aspectu saturni ⁊ successiue post 2am stationem dir/
rigi ad aspectũ.tamen per totam illam tabulam saturni non applicabatur sibi.q̃/
re quesiui aliam tabulã immediate seruientem saturno cũ additione motui prime
radicis.0.12.40.⁊ totidem centro vt apparet in tabula breui:quia de motu augis
ꝑ sola reuolutione non curaui ⁊ facti motus noue radicis saturni.2.50.21.Centrũ
vero.4.37.42.Quare quesiui tabulã saturni suppositã cẽtro.4.30.⁊ vidi consi
derando etiam motum iouis in fine tabule ꝙ circa dies.340.post primam radi
cem iterum radii quarti aspectus saturni ad iouem ⁊ econuerso perficiuntur per
directionem motus amborum.quare addidi diebus prime radicis. d.343.ho.2.
m.12.⁊ facti sunt dies superabundates prime radicis.476.ho.0.m.22.a quibus
subtraxi dies tabule breuis qui sunt.378.ho.2.m.12.Restant dies noue tabule sa
turni.97.ho.22.m.10.Addidi etiam dies.343.ho.2.m.12.diebus radicis iouis ⁊
facti sunt dies superabundantes iouis.380.punctaliter ⁊ ad dictum tempus inue
ni locum saturni directum qui fuit.3.6.2.Motum autem in die.2.fa.24.in ho.
vero.m.0.fa.8.Inueni etiam locum iouis directum qui fuit.4.36.23.motum i
die.m.13.fa.48.In ho.autem.m.0.fa.34.Quare iuppiter precedebat radices
4.g.0.m.21.⁊ superatio motus eius a motu saturni in die erat.m.10. fa.24. In
ho.vero.m.0.fa.26.per que diuisi distantiam precessionis ⁊ peruenerũt dies.2.
ho.0.m.28.subtrahendi pro inueniendo preteritam coniunctionẽ.quare ipsos sb
traxi de diebus vltimo additis prime radici qui fuerũt vt supra.343. ho.2.m.12.
Et facti sunt dies sup̄abundãtes p̄me radicis.341.ho.1.m.44.⁊ per consequens
dies anni in quo tp̄e perfectus est aspectus.4.quadrature iouis cum Saturno
⁊ fuit die septimo septembris post meridiem ho.1.m.44.⁊ erit tertia cõiunctio
aspectus quarti in ipso anno.perfeci etiam loca ipsorũ que inueni videlicet satur
ni in.g.5.m.55.libre.Iouis vero in.g.5.m.55.capricorni atq; perfeci elonga/
tionem solis ab vtroq; ipsorum ⁊ inueni elongationem solis a saturno .1.18.41.
A ioue vero.5.41.41.quare optime operatus sum ⁊ tabulas in operationib⁹ co
gnoui veraces.Cõsiderandum est ergo in his tribus cõiunctionibus q̃ media in
imicicia nuncupetur ꝙ ꝑ totum annũ continue radii ipsorum commiscent̃ nec ab
ipso q̃drature termino separant̃ ⁊ q: aspectus ipse nõ ẽ vltimate inimicitie ex di
ctis astrologorũ vnusq̃sq; ipsorũ timebit de alio pp̄ metũ ensis.quapropter pos/
sibile est ex industria alicuius communis amici cũ electione ad propositum conue

niente ipsos ꝯco:dã re:q̃re dico ꝙ nec in p̃ma nec in s̃a aspectuali ꝯiunctione ẽ eli/
gendũ ꝓpter retrogradationẽ vtriusq; ipsoꝝ. Sed in tertio vltimo ipsius quar/
ti aspectus q erit die septimo decẽb:is pꝰ meridiẽ hõ.i.m̃.44.erit tp̃s eligẽdum:
q: tũc saturnus reperit̃ in.g.5.m̃.55.libre. Juppiter v̊o in.g.5.m̃.55.cap:ico:
ni: ambo directi. Saturnus aũt in signo sue exaltatiõis dñs triplicitatis in die nec
nõ in termino suo. Et ƀ s̃m ꝯiũctã sperã latitudo eiꝰ ẽ septẽtriõalis.g.2.m̃.10.ascẽ
dẽs: ⁊ ẽ ascẽdens ad augẽ sui eccẽtrici i tertia q̃rta diminutꝰ luĩe magnitudĩe atq;
cursu: sed auctus numero: q: verus motus i die sup̱at mediũ o:iẽtalis a sole ma/
ne apparẽs añ o:tũ solis. Juppiter v̊o in cap:ico:no in.5.g.m̃.55.receptus a sa/
turno que receptio frãgit malitiã maliuoli aspectꝰ: ⁊ ẽ dñs faciei o:ientalis in sero
apparẽs post occasũ solis auctus numero: q: verus motus sup̱at mediũ. Auctus
cursu lumine atq; magnitudine: q: i s̃a q̃rta sui eccẽtrici ꝓcedẽs ad oppositũ au/
gis: oĩa p̃dicta ꝯtinue augẽs q̃ oĩa ad p̃ñs in tabulis oñdunt̃: ex quibꝰ in indicãdo
faciliter ꝯsequet̃. Hũc volo die p:edicta ponere.g.saturni in asc ẽdẽte isto mõ p̱
elongationẽ solis ad saturnũ dicitur locus solis ẽẽ in.g.24.m̃.35.sagittarii cũ qbꝰ
in tabula de eq̃tionibus domoꝝ in climate sexta intro: ⁊ in eoꝝ directo inuenio ho.
23.m̃.35.meridiei: ⁊ ho.3.m̃.51.ho:ologii quas separatim ex p̱te noto. Postmo
dũ in dicto climate q̃ro tabulã corñdentẽ signo libre in linea ascẽdẽtis que ẽ tablã
supposita soli in ariete: vt i linea ascẽdẽtis q̃ro hõ ho:ologii corñdẽtes in directo
ad sinistrã.g.5.m̃.55.libre quas inuenio ho.12.m̃.32.a quibꝰ subtraho ho:as me
ridiei ⁊ hõ.ho:ologii superius saluatas.quarũ residuũ erit hõ meridiei.12.m̃.58.
⁊ hõ ho:ologii.8.m̃.41.Quare veraciter ꝯcludo ꝙ die septĩa decẽb:is pꝰ meri/
diẽ hõ.12.m̃.58.diebus equatis aut dicere volueris die septima decẽb:is pꝰ me/
ridiẽ in nocte sequẽti: aut post occasũ solis hõ.8.m̃.41.ho:ologii.g.5.m̃.55.lib:e
cũ saturno erunt in ascẽdente. Si aũt.g.ipsum ponere volueris ipsũ debilitando
aut fo:tificando in aliquibus aliis cuspidibus domoꝝ vt puta in cuspide sexte do
mus vide in tabulis in qua tabula corñdente lib:e in linea sexte domus quã inue
nies in tabula supposita soli in sco:piõe ⁊ in linea supposita sexte domui i directo
g.5.m̃.55.libre ad sinistrã in linea hõ.ho:ologii inuenies ho.1.m̃.37.a quibꝰ sƀ
traho hõ.solis sup:ascriptas: ⁊ erit residuũ ho.post meridiẽ.2.m̃.2.aut ho:ologii
ho.21.m̃.46.in quo tp̱e.g.55.m̃.55.cũ saturno erũt in cuspide sexte domus. Et
si volueris ipsos.g.collocare sup:a o:izõtem vt puta in duodecima domo q: cu/
spides domoꝝ sup:a o:izõtez nũc scribunt̃ i tabulis op̱are p̱ cuspidẽ domus.12.
pone.g.opposite atq; p̱.g.oppositũ: vz si ponere volueris.g.ipsos i cuspide do/
mus duodecime.pone.g.oppositos: videlicz.g.5.m̃.55.arietis in cuspide sexte
domus: ⁊ habebis quesitũ. ⁊ per ꝯñs si inueneris saturnũ ex cã sue latitudinis cũ
alio.g.eeclyptice o:iri: ⁊ volueris eligere ho.cã ponẽdi illũ.g.eeclyptice cũ co:po/
re saturni in aliqua domo per hũc modum operare: que est facilima: b:euis atq;
p:ecisa operatio: ⁊ si videre volueris qñ ipsi planete fuerint o:ientales siue occidẽ
tales: debiles: fo:tes: aut fo:tio:es dextri aut sinistri extra radios aut combusti seu
vniti in visione facie ad faciẽ cũ sole: ⁊ qñ erunt in statione retrogradatione vel di/
rectione ⁊ qñ vadãt versus meridiẽ vel septẽtrionẽ ⁊ oĩa alia accñtia que ex mo/
tibus eoꝝ occurrere p̃nt oĩa p̱ istas tabulas videre potes tã in linea elõgatiõis ip
soꝝ a sole q̃z in aliis lineis ad ꝓpositũ ꝯuenientibus: ⁊ cũ calculo b:euissimo co:uz
vera loca inuenire: nec alias tabulas reperire oz: que oĩa si cum aliis tabulis inue
nire velles s̃m carũ canonũ doctrinas certe cũ difficultate ac maximo labo:e: cal
culoq; tedioso ad ꝯclusionẽ perueñes.

¶ Morā nati in vtero materno atqȝ veꝝ .g. ascendētē cuiuscūqȝ natiuitatis ꝑ tabulas Jo. blan. perscrutari. Capitulū. 50.

Primo rectifica natiuitatē extimatiuā etiā si volueris ꝑ regulā animodar loca solis ⁊ lune diebus nō equatis atqȝ equatiōe dieꝝ addita rectifica .g. tūc ascēdētē atqȝ oīa per se nota: ⁊ spāliter radicē lune cū motu eius i ho. postmodū i tabula dierū anni a ianuario incipientium: quere dies anni natiuitatis a quibus subtrahe dies .303. ho. 2. m̄. 25. si potes. Si enim nō posses puta ꝙ dies anni eēnt pauciores ipsis adde dies anni precedētis si fuerit annus precedēs bisextilis adde dies .366. Si vero nō adde .365. de quoꝝ summa subtrahe dies .303. hō. 2. m̄. 25. ⁊ residuum nota: q2 erunt dies anni precedētis cū hō. ⁊ minutis: ⁊ ꝑ tabulā iam dictā inuenies mensē ⁊ diem mensis. Postmodū a centro radicis subtrahe .g. 190. m̄. 2. A motu autē .s. 0. g. 33. m̄. 46. Ab argumento latitudinis .s. 0. g. 49. m̄. 49. Adhuc si latitudinē lune scire volueris: ⁊ fiet radix anni cōceptiōis cū diebus ho. ⁊ m̄. supabundantibus in radice natiuitatis: ⁊ vocabit̄ radix pria. Deinde subtrahe dies ipsos superabundantes de diebus .27. ho. 13. m̄. 19. q sunt dies tabule breuis lune ⁊ residuum ex parte nota qui vocant̄ dies prime tabule. Deinde centro prime radicis adde .g. 3ii. m̄. 49. motui vero .s. 0. g. 3. m̄. 4. ⁊ argumēto latitudinis .s. 0. g. 4. m̄. 32. ⁊ fiet radix secunde tabule. Jterūqȝ adde diebus prime tabule saluatis dies .27. ho. 13. m̄. 19. ⁊ habebis dies se tabule. Adde et radici secūde tabule ꝓ motu cētro ⁊ argumēto latitudinis sicut addidisti prime tabule ⁊ fiet radix tertie tabule: ⁊ oīa per se nota. Postmodū ꝯsidera dies supabūdantes i radice natiuitatis ⁊ si fuerint .12. vel plures per istā tabulā primā non oȝ opari. Si autem minus fuerint qȝ .12. operare per istā tabulā ꝓut infra dicet̄. Cōsidera enim .g. ascēdentis in ho. natiuitatis extimatiue: q2 dȝ esse locus lune ho. cōceptionis ⁊ cōsidera motū lune in radice prime ꝯceptionis quē motum subtrahe a .g. zodiaci in ascēdente natiuitatis ⁊ eius residuum erit elongatio ascēdentis natiuitatis a motu lune in radice cōceptionis addēdo prius diebus supabundātibus radicis natiuitatis dies .15. ⁊ cū qua elongatione tabulam suppositam centro radicis prime cōceptionis ingredere ⁊ quere numerum similem aut sibi propinquiorem in linea loci lune incipiendo a particula correspondente diebus .15. supabundantibus post radicem natiuitatis ⁊ descendēdo vsqȝ in finē tabule quere ac etiaȝ si oportet supra tabulam vsqȝ ad cōplementum .15. dierum post dies radicis natiuitatis: ⁊ ibi sume ꝑncipiū sed a termino ipso supra nō oportet operari: q2 caderent extra terminum maxime more s̄m phos: ⁊ si non inueneris numerū silēm descēdēdo vel sibi ꝓpinquiorem sequere ad scdam tabulam suppositā centro ipsius superius saluato ⁊ accipe etiā motū ipsius radicis secunde tabule quē subtrahe ab ascēdente natiuitatis ꝓut supra fecisti ⁊ in ipsa tabula a summitate incipiēdo ⁊ descendēdo que numerū similē elōgationi ascēdētis natiuitatis a motu lune i secūda radice cōceptiōis ⁊ si precise inueneris numerū silēm operatio ipsa eēt completa. Sin autem quere numerum ꝓpinquiorē ⁊ ipsum nota: ⁊ etiam nota dies sibi correspondentes ad sinistram. Demum perfice equationem quam adde seu minue de loco lune saluato prout oportet ⁊ fiet locus lune in diebus sibi correspōdētibus ad sinistram: quem motum subtrahe ab elongatione ascendētis natiuitatis a motu lune in secunda radice: ⁊ residuum diuide ꝑ motū lune in vna ho. ⁊ habebis dies hō. ⁊ m̄. se tabule quos adde diebus prime tabule saluatis ⁊ summā ipsoꝝ etiā subtrahe a diebus .303. hō. 2. m̄. 25. qui sunt dies primo subtracti a diebus anni: residuū autem erit mora nati in vtero primo equata ꝑ ꝯcordantiā ascen

dentis natiuitatis cum loco lune in conceptione q: motus lune in ꝯceptione tu̾ɱ: precise erit.g.ascendens natiuitatis extimatiue.

¶ Nota ꝙ ſm intentionem phylosophoꝝ mora maior infantis in vtero mater/no non excedit dies.288.minor autem non deſcendit dies.252.quare dico ꝙ qñ mora ſuperius inuenta fuerit.d.280.aut ipſos excederet iterum p tertiã tabulam oportet operari ⁊ reperire dies in ipſa tertia tabula ꝓut ſupra inueniſti,dies in ſa tabula: ⁊ ipſos dies addere diebus prime ⁊ ſecũde tabule ſuperius ſaluatis: ⁊ ip/ ſoꝝ ſũmã ſubtrahere de diebus.303.hõ.2.m̃.25.⁊ reſiduum etiã erunt dies ſecũ de more in vtero. Uerꝫ tamen qñ hoc accideret ꝙ in termino dierũ more. vꝫ iter dies.252.minoris more.⁊ dies.288.maioris caderẽt due more ꝙ erit poſſibile ꝯ ſiderãda eſt elõgatio aſcẽdentis natiuitatis extimatiue a motu lune quam accepi/ ſti in prima mora:etiam illam quam accepiſti in ſecunda mora: ⁊ ex ipſis que fue rit minor elongatio ipſam ꝓ vera mora tene aliã abiiciẽdo. Nũc reſtat cõcordare locũ lune in natiuitate cũ aſcedente ꝯceptionis: ⁊ hec eſt regula: Primo ſubtrahe morã ſupius in vtero inuentam de diebus natiuitatis extimatiue additis cũ die/ bus anni precedẽtis in principio ꝯſideratis ⁊ reſiduum erũt dies anni ꝯceptionis precedẽtis cum quibus in tabula dieꝝ anni a ianuario incipientium habebis dies menſis hõ.⁊ minuta diebus non equatis quibus adde equationem dierum: ⁊ ha bebis hõ.⁊.m̃.diebus equatis cum quibus diebus aut cum loco ſolis hora cõce ptionis quere tabulam de equationibꝰ domorum in tuo climate hõ.meridiei ſo/ lis ſibi in directo correſpondentes:quas hõ.adde horis ſuperius equatis: ⁊ ipſaꝝ ſũmã quere in dicta tabula in linea hõ.horaꝝ horologii ⁊ in ciꝰ directo ad dextrã habebis.g.aſcendẽtem in ipſa hõ.cõceptionis qui ſi preciſe fuerit locus lune ho. natiuitatis opatio ipſa erit completa:nec amplius oportet laborare. Si vo nõ cõ/ cordabunt cõſidera differẽtiam vnius ab alio: ⁊ vide quis precedit ⁊ q̃tuꝫ p hõ. in hunc modum vide in tabula ſupradicta quot hore horologii correſpondent lo/ co lune in natiuitate:ac ſi eſſet in aſcendente: ⁊ cõſidera horas correſpondẽtes aſcẽ dentis hora conceptionis ſuperius inuentas: ⁊ ſubtrahe minores de maioribus: ⁊ reſiduum erit hora differentis conceptionis:quas adde horis conceptionis exti/ matiue ſi hore lune in natiuitate extimatiua fuerint plures q̃ȝ hore aſcendẽtis exti/ matiue in conceptione vel ab ipſis ſubtrahe ſi fuerint pauciores: ⁊ habebis ho.cõ ceptionis ſecundo equatas. Deinde multiplica ipſas horas differentie per motuꝫ lune in hora conceptionis ⁊ productum adde vel minue de loco lune in concepti/ one prout de hora feciſti ⁊ habebis locum lune in conceptione etiam ſecũdo equa tum. Poſtmodum nouiter quere in tabula ſupraſcripta hõ.horologii correſpõden tes gradui aſcẽdẽtis natiuitatis extimatiue ⁊ ho.correſpõdentes loco lune ho.cõcepti onis vltimo inuento ⁊ cõſidera differentiam: ⁊ ſi hore lune conceptionis paucio/ res fuerint horis aſcendentis natiuitatis ipſam differentiam minue de horis nati/ uitatis extimatiue: ⁊ ſi plures fuerint ipſas adde. Et qđ inde ꝓuenerit erunt hore natiuitatis ſecundo equate multiplica etiam hõ.vel minuta differẽtie predicte per motũ lune in ho.hõ natiuitatis ⁊ ꝓductum adde vel minue ꝓut ſupra ſcriptũ eſt de loco lune tempore natiuitatis: ⁊ habebis verum locum lune in natiuitate ſecun do equatũ. Et q: locus ipſe dꝫ eẽ aſcẽdẽs ꝯceptiõis: ⁊ ſi differẽtia ipſa eẽt talis ꝙ redũdaret ſenſibilis differẽtia i aſcẽdente cõceptionis ꝙ raro cõtingeret: denuo re/ ctificabis aſcendẽtẽ ipſũ ad inſtar loci lune natiuitatis ⁊ horas differẽtie multiplica bis per motũ lune in vna ho.tempore cõceptiõis: ⁊ ꝓductum adde ſeu minue de loco lune vt ſupra dictum eſt: ⁊ hẽbis tempus cõceptionis veriſſimum diebus

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equatis nec ī ascendēte natiuitatis amplius erit sensibilis differētia. exēpli gratia.
Quedā natiuitas estiatina fuit anno dñi.1438.die.20.iulii post meridiē.ho.0.m̄.
30.diebus nō equatis: diebus vō eq̄tis ho.0.m̄.42.Ascēdēs tūc.g.6.m̄.23.scor/
pionis: ⁊ locus lune.i.45.51.volo inquirere morā ipsius in vtero materno: prio
pfeci radicē lune: ⁊ ipsā īueni dies supabūdantes.0.ho.12.m.15. Centrū. g.306.
m̄.1.motum.1.39.14.Locū verū.1.45.51.⁊ locū lune tūc in ho.m̄.29.fa.32. In
ueni etiam per tabulā dierū anni a ianuario īcipientis dies ipsius natiuitatis termi
nare ad dies.20.ho.0.m.30.quibus addidi dies anni.1437.precedētis ⁊ fuit sū/
ma dierū.566.ho.0.m.30.a quibus subtraxi dies.303.ho.2.m.25.put regula
dicit.⁊ fuit residuū dies.262.ho.22.m.5.anni.1437.qui dies terminātur die.19.
septēbris ho.22.m.5.anni.1437.¶Postmodū a cētro radicis natiuitatis subtra/
xi.g.190.m.2.⁊ a motu.s̄.0.g.33.m.46.⁊ facta est radix cōceptionis prima: vz
cētrū.g.115.m.58.motus.1.5.28.Demū subtraxi de.0.ho.12.m.15.qui fuerunt
supabundātes in radice natiuitatis de diebus.27.ho.13.m.19.tabule breuis: ⁊ fu
it residuū dies.27.ho.1.m.4.qui sunt dies prime tabule: quibus diebus ēt addi
di dies.27.ho.13.m.19.quorum sūma est d.54.ho.14.m.23.⁊ fuerūt dies scde
tabule. Iterūq3 addidi cētro prime radicis.g.311.m.49.⁊ motui.s̄.0.g.3.m.4.
tabule breuis: ⁊ facta ē radix secūde tabule: videlicet cētrū.g.67.m.47. motus
1.8.32.quibus etiam addidi centrū ⁊ motū tabule breuis ⁊ facta est radix ttie ta/
bule vz centrum.g.19.m.36.motus.1.11.36.¶Postmodū accepi ascendētē ho. na
tiuitatis extimatiue q fuit.3.36.23.⁊ accepi motū lune in radice ꝯceptionis prime
q fuit.1.5.28.⁊ ipsū subtraxi ab ascēdente natiuitatis: ⁊ fuit residuum.2.30.55.vz
elōgatio ascendētis natiuitatis a radice lune in ꝯceptione. Deinde addidi dieb9 su
perabūdantibus radicis natiuitatis.d.15.put in regula dixi: ⁊ facti sunt dies.15.
ho.12.m.15.in quorū directo in tabula pma supposita gradui.115.m.58.⁊ descē/
dēdo vsq3 in finē tabule nō īueni numerū silem nec ppinqorē elōgatiōi ascēdētis
natiuitatis a loco lune ꝯceptiōis: quare in ipsa tabula āpli9 n̄ laboraui s3 q̄siui fa3
tabulā suppositā cētro.g.67.m.47.⁊ subtraxi motū ipsius radicis. vz.1.8.32.
ab ascēdēte nat.⁊ fuit residuū.2.27.51.vz elōgatio ascēdētis nat.a radice ꝯcepti
onis in ipsa tabula a pncipio descēdendo pcessi q̄rendo numerū silem vel pping
orem ⁊ ipsū inueni i directo dierū.11.tabule ⁊ equādo ⁊ diuidēdo p motū in ho.p
cise ꝯrñdebāt numero sili.d.11.ho.10.m.31.quare tūc locus lune fuit.3.36.23.eq̄
lis.g.ascendētis hō natiuitatis extimatiue: quos dies fe tabule vz.11.10.31. addidi
prime tabule qui fuerunt.27.1.4.vt supra dictū ē: ⁊ facti sunt dies distantie a prio
introitu.38.ho.11.m.35.quos subtraxi a diebus.303.ho.2.m.25.in pncipio salua
tis: ⁊ fuit residuum.d.264.ho.14.m.50.qui sub mora in vtero primo examina
ta. Consideraui postmodum ex consideratione tabularū q alius tertius more in
uenire non potest citra dies.27.sequentes ⁊ q mora ipsa necessario erit extra ter
minum minorem: qui fm phylosopos est dies.252.quare nec in residuo fe tabu
le nec etiam in tertia curaui amplius laborare. Sed dies more predictos vz.d.
264.ho.14.m.50.subtraxi a diebus anni inuētis a natiuit.⁊ aggregatis hora na
tiuitatis extimatiue q fuerunt.566.ho.0.m.30.⁊ fuit residuu3 dies.301.horas.9
m.40.qui in tabula dierum anni terminantur die.28.octobris post meridiē hō.
9.m.38.anno domini.1437.diebus non equatis.⁊ hoc fuit tps ꝯceptiōis pmo
examiatū: pfeci ēt locū lune p fa3 tabulā suprascripta q loc9 fuit.3.36.23.ad instar
ascēdentis natiuitatis ⁊ i ipsius directo vidi motū ei9 in hō.m.36.fa.20.⁊ h omi/
nia ex pte notaui. Deinde tempore predicto conceptionis q̄siui verū locū solis ⁊

ipsū inueni.3.44.36.i qb⁹ directo i tabula de eq̄tiōib⁹ dierū inueni ho.o.m.51.que addidi tpi nō eq̄to ⁊ fuerūt ho.10.m.9.ↄceptiōis dieb⁹ eq̄tis itraui ⁊ cū loco sol' i tab.de eq̄tiōibus domorū ⁊ i ei⁹ directo īueni i linea horarū meridiei ho.20.m̄ 49.q̄s addidi horis eq̄t; ⁊ facte sūt ho.ascēdētis.6.m̄.58.i quorū directo i linea horarū horologii īueni.g.ascēdētē.g.3.m.12.leōis g.g.n̄ ↄcordāt cū loco lune na tiuitat; estiatine:q: loc⁹ ipse fuit.g.15.m.51.cācri q̄re q̄siui ho.horologii corn̄dē/ tes loco lune i tab.p̄dicta q̄s inueni ho.5.m.29.⁊ ipsas sbtraxi de horis ascēdētis i ↄceptiōe q̄ fuerūt ho.6.m.58.⁊ fuit residuū ho.1.m.29.q̄s p̄mo sbtraxi ab ho ris ↄceptiōis supius īuētis q fuerūt ho.9.m.38.q: hore ↄceptiōis excedunt ho/ ras lune.⁊ facte sunt hore cōceptiōis fo examiate.8.m.9.postea m̄l'tiplicaui ho. 1.m.29.p motū lune tūc i horis q vt supra est.m.36.fa.20.⁊ fuit p̄ductum.g.o. 54.q̄ ēt subtraxi a loco lune i ↄceptiōe vȝ.3.36.23.⁊ fuit residuum.3.35.29.qui est locus lune i ↄceptiōe fo examiate ⁊ q dȝ eē ascēdēs natiuit;.postmoduȝ q̄siui ho.horologii corn̄tes.g.ascēdētis natiuitat; extimatiue ⁊ corn̄dētes loco lune cō ceptiōis fo examiate:q̄s īueni ho.15.m.8.quarū differētia ē ho.o.m.5.⁊ supatō fuit ascēdētis natiuitat; q̄re ipsas sbtraxi ab horis natiuitat; estimatiue in p̄ncipio īuētis que fuerūt.o.m.30.⁊ fuit residuū ho.o.m.25.nat;.fo examiate multipli/ caui ēt ipsā differētiā:vȝ ho.o.m.5.p motū lune i vna hō tpe nat;.q fuit.m.29. fa.32.cuius p̄ductū fuit.g.o.m.2.q̄ subtraxi de loco lune tpe nat;.Restāt.s̄.1.g. 45.m.49.qui ē locus lune in nat;.fo eq̄te qui ēt dȝ eē ascēdēs ho.ↄceptiōis.Sȝ q: ascēdēs fo examinatū vt supra fuit.1.45.51.differētia ipsa nō ē sensibilis q̄re n̄ curaui amplius laborare:⁊ iō ↄcludit̄ ꝙ natiuitas v̄a fuit āno dn̄i.1438.die.20.iu lii p⁹ meridiē ho.o.m.25.diebus nō eq̄t;:diebus v̄o eq̄tis ho.o.m.40.Ascēdēs tūc.g.15.m.49.cācri:locus lune.g.5.m.29.scorpiōis:⁊ h̄ exēplū sufficit ad vtili/ tatē ⁊ operātiū facilitatē:nec miremini de p̄luritate scripture q: ī expti̇s breuilogo satisfieri nō posset.Calculās ergo p huius cap̄li doctrinā videbit opatiōnē breuis simā ac facilimā p se qȝ clarissimā.Laus deo oīpotenti.

De regulis multiplicādi atqȝ diuidendi in calculo. Capitulū.51.

Rimo dico ꝙ q̄n numerus multiplicās fuerit.g.qō ex multiplicatiōe p̄ ducit̄ nō mutat denoīatiōnē numeri multiplicādi tā i itegris q̄z i fractiōi bus vt si multiplicaueris.g.p.g.p̄ducunt̄.g.seu gradus graduūȝ q po stea reducunt̄ ad gradus simplices.⁊ si minuta p.g.p̄ducunt̄ minuta q̄ postea reducunt̄ ad.g.⁊.m.si oȝ:⁊ si fa p.g.p̄ducunt̄ ga seu minuta ⁊ fa ⁊ sic de cete/ ris fractiōibus.Si v̄o multiplicaueris minuta p fa p̄ducunt̄ tertia:⁊ si fa p ter tia p̄ducunt̄ q̄nta seu q̄rta ⁊ q̄nta:⁊ si minuta p q̄nta p̄ducunt̄ sexta seu q̄nta ⁊ se xta:⁊ vt breuiter dicā.m.denoīant̄ ab vnitate:fa a duob⁹ tertia a tribus ⁊ sic de inceps ⁊ q̄n m̄l'tiplicaueris fa p tertiā aggregabis.2.⁊.3.⁊ fiēt q̄nqȝ:ergo ex m̄l' tiplicatiōe p̄ducunt̄ q̄nta ⁊ sic de aliis potes p̄cedere in infinitum.

Si gradus diuiseris p.g.seu p q̄nascunqȝ alias fractiones ipsius:vt.m.fa ter tia q̄rta ⁊c.diuiseris nō mutant̄ denoīatiōes sp̄erū numerorū diuidēdorȝ vt si diuiseris.g.p.g.p̄ueniūt.g.seu si diuiseris.m.p.g.numerus quotiēs erit.m.⁊ si diuiseris fa tertia siue q̄rta p.g.numeri quotiētis erūt fa t̄tia ⁊ q̄rta ⁊ sic de aliis

Si autē fractiones diuiderent̄ per illasmet fractionū sp̄ēs vt.m.p.m.fa p fa aut tertia per tertiā ⁊c.qō p̄uenerit erūt gradus.

Si fractiones diuiderent̄ p alias fractiones sibi supiores vt si diuiseris tertiā p fam oȝ sicut supius in multiplicādo addidisti:nūc i diuidēdo sbtrahere:q̄re sub trahere debes diuisorē de diuidēdo:vȝ.2.de.3.⁊ residuū erit denoīator quotiētis vȝ minuta ⁊ sic de aliis. Si forte ↄtingeret ꝙ itegra.s.g.diuiderent̄ p alias fra

ctiones sibi īferiores numeri quotiētis q sēper erūt gradus multiplicant̄ s̄m pro
portionē generis ītegrorꝫ seu fractionū superiorū diuidēdorꝫ ad genus fractionuꝫ
inferiorꝫ diuidētiū. ¶ De pratica m̄ltiplicādi ꝑ tabulas ꝑ Jo. blā. ad h̄ ꝯstatas.

Multiplicādo dico ꝙ numerū multiplicātē q̄rere debes i p̄ma linea tabule
ad sinistrā q̄ ꝓcedit de sursū ad deorsū ⁊ numerū multiplicādum in ꝑte
superioris tabule q̄ ꝓcedit a sinistra in dextrā ⁊ qd̄ ex ipsa multiplicatio/
ne ꝓducit̄ hēbis in angulo cōi: qui angulus cōis itelligit̄ cōiunctio linearū nume
ri multiplicādi a superiore ꝑte tabule ad inferiorez ⁊ numeri multiplicātis a sini/
stra in destrā: ⁊ vbi iste due linee ꝯiunguntur ibi est angulus cōis. exēpli gratia.
¶ Volo multiplicare. g. 4. ꝑ. g. 10. p̄mo q̄ro. g. 10. in p̄ma linea ad sinistrā ꝓcedē
do ad destrā. Itē q̄ro. g. 4. in superiori parte tabule ꝓcedēdo ad deorsū. In angu
lo aūt cōi reperio. 0. 40. q̄re ꝓductū ē. g. 40. simplices: similiter si numerus mul
tiplicādus fuerit. m̄. fa ⁊ tertia ⁊c. ꝓductū erit eiusdē generis.
¶ Si v̊o numerus multiplicādus fuerit. 40. ⁊ numerus multiplicās. 10. i angu/
lo cōi reperit̄. 6. 40. qui si numerus multiplicās ⁊ multiplicādus fuerit. g. ꝓdu/
ctū erit graduū. 6. ⁊. 40. g. simplices ꝯstituentes in sūma. g. 400. simplices. Si
v̊o vnus eorū fuerit. m̄. ꝓductū erit. g. 6. m̄. 40. ꝯstituētes. m̄. 400. si aūt vnꝰ eo
rū fuerit fa ꝓductū erit. m̄. 6. fa. 40. ꝯstituētes fa. 400. Si vnus eorū furrit fa.
alter v̊o q̄nta ꝓductū erit sexta. 6. ⁊. 40. septia ꝯstituētia. 400. septia ⁊ sic de oībꝰ
aliis fractiōibus itelligēdū ē. Itē volo multiplicare. 48. m̄. 20. fa ꝑ. 4. gradus: p̄
mo q̄ro i supiori linea. 4. ⁊ i p̄ma linea ad sinistrā q̄ro. 48. ⁊ i angulo cōi repio. 3.
12. q̄re ex ꝑte noto. g. 3. m. 12. deinde i ipsa linea ad sinistrā q̄ro. 20. ꝓcedēdo ad de
strā in angulo cōi repio. 1. 12. q̄ sūt. m. 1. fa. 12. q̄ addo. g. 3. m. 12. ⁊ sūma ꝓducti est
g. 3. m. 13. fa. 12. ¶ Iterū volo multiplicare. m. 24. fa. 40. ꝑ tertiā. 48. ⁊ t̄tia. 50.
p̄mo q̄ro i supiori ꝑte tab. 48. tertia ⁊ i p̄ma linea ad sinistrā q̄ro. 24. m. In āgu
lo aūt cōi iuenio. 19. tertia. ⁊. 12. q̄rta. Itē i p̄ma linea multiplicātis i directo. 40. i
uenio. 32. q̄rta ⁊ q̄nta. 0. ¶ Postmodū i supiore ꝑte tab. q̄ro. 50. ꝑ. 50. m. multipli
cantis ⁊ i āgulo cōi repio i directo. 24. fa multiplicādorū. 20. q̄rta: ⁊. 0. q̄nta. itē
in ipsa linea multiplicātis i directo. 40. fa iuenio. 33. q̄nta. ⁊. 20. sexta ⁊ cōpleta ē
tota opatio multiplicatiōis: q̄bus oībus sil̄ additis erit ꝓductū multiplicationis.
20. tertia. 4. q̄rta. 33. q̄nta. 20. sexta ⁊ hoc sufficit in multiplicationibus.

Qūādo diuidere volueris aliquē numerū ꝑ tab. sꝑ q̄re numerū diuisorē i
supiore ꝑte tab. ⁊ numerū diuidēdū i linea sibi supposita ⁊ si p̄cise ipꝫ iue
neris ꝯsidera ipꝫ eē angulū cōez ⁊ i directo ipsiꝰ ad sinistrā i p̄ria linea ta
bule hēbis numerū quotiētē: ⁊ si numerū diuidēdū i āglō cōi p̄cise n̄ iuener̄ q̄re
minorē ꝓpīgorē ⁊ nō ad sinistrā numerū quotiētē. ¶ Postmodū vide differētiā in
ter angulū ⁊ numerū diuidēdū. quā etiā q̄re i ipsa linea ⁊ numerꝰ quotiēs ad si/
nistrā erit fractio addēda numero quotiēti ⁊ fiet q̄sitū. exempli gratis.
¶ Volo diuidere. g. 10. m̄. 25. per. m̄. 45. q̄ro i linea tabule supposita. 45. ⁊ iue/
nio minorē ꝓpinquiorē. 945. i eius directo ad sinistrā sūt. 13. que accipio ꝑ. 13. g.
Deīde ꝯsidero differētiā anguli cōis. i. 9. 45. a numero diuidēdo q ē. 10. 25. q̄ dif
ferētia ē. m̄. 40. q̄ q̄ro in ipsa linea ⁊ iuenio minorē ꝓpingorē. 39. 45. i directo. 53
q̄ per. 53. m̄. ⁊ ꝯsidero residuū eē fa. 15. q̄ c̄t q̄ro in ipsa linea ⁊ ipa sil̄r iuenio pun
ctaliter in directo. 20. q̄ accipio per. 20. fa. q̄re ꝯcludo ꝙ ad diuidēdū. g. 10. m̄. 25.
ꝑ. m̄. 45. numerus quotiēs erit. g. 13. m̄. 53. fa. 20.
¶ Rursus volo diuidere. g. 10. m̄. 25. ꝑ. m̄. 45. fa. 30. p̄mo q̄ro i linea supposita
45. ⁊ iuenio minorē ꝓpingorē. 9. 45. i directo. g. 13. ⁊ ipsa extra noto. q̄. 13. ⁊c. m̄

tiplico p.30.fa q̃ sũt vltra.45.m̃.ĩ diuisore cuius ꝓductũ est.m̃.6.fa.30.q̃ addo g.9.m̃.45.reptis ĩ ãgulo cõi.quoꝝ sũma ẽ.g.9.m̃.51.fa.30.⁊ ipsa sbtraho a.g.10.m̃.25.⁊ ẽ residuũ.m̃.33.fa.30.q̃ in ipsa linea nouiter q̃ro ⁊ ĩuenio minorẽ ppĩquiorẽ.33.0.ĩ directo.44.que per.44.m̃.extra noto ⁊ ipsa etiã per.30. q̃ sũt in diuisore multiplico: cuius ꝓductũ ẽ fa.22.q̃ addo.m̃.33.repertis.⁊ sũma ẽ.m̃.33.fa.22.q̃ ẽt sbtraho a minutis.33.fa.30.quorũ differẽtia ẽ fa.8.q̃ ẽt ĩ ipsa linea q̃/ro ⁊ ĩuenio minores ꝓpinquiores.7.30.in directo.10.q̃ per.10.fa extra noto.de/inde multiplico.10.p.30.que sũt in diuisore.⁊ ꝓueniũt.5. tertia. q̃ addo.7.fa. ⁊ 30.tertia.quorũ sũma ẽ fa.7.tertia.36.que subtraho de.8.fa.⁊ restãt tertia.25.que ẽt quero in linea suprapos ita.⁊ ĩuenio.24.45.ĩ directo.33.que p.33.tertia extra noto: ⁊ ipsa ẽt multiplica per.30.minuta que sũt vltra.8.ĩ diuisore ⁊ perueniunt quarta.16.⁊ quinta.30.que addo.24.tertiis.⁊.45.quartis quoꝝ sũma ẽ.25 tertia ⁊.1.q̃rta.⁊.30.quĩta.qđ aggregatũ superabũdat tertia.25.per q̃rta.1. q̃nta 30.Sȝ q: differẽtia ẽ parua de ipsa nõ ẽ curãdũ.Cõclusũ ẽ ꝙ ad diuidendũ.g.10.m̃.25.per.m̃.45.fa.30.perueniũt.g.13.m̃.44.fa.20.t̃tia.33.Et hoc si probare volueris multiplica.g.13.m̃.44.fa.20.tertia.33.per.m̃.45.fa.30.per regulaȝ multiplicatiõis.⁊ si bñ feceris ꝓductũ erit.m̃.10.fa.25.

¶ Q: iter planetas motus lune ẽ velocior oȝ ĩ calculis suis p̃cisius laborare q̃ȝ in reliquis planetarũ aliq̃n ꝓ inueniẽdo verũ eius motũ in certis horis ⁊ suis fractionibus fm tũc motũ suũ in vna hõ aliq̃n data certa distantia circuli p.g.m̃.⁊ aliis fractiõibus ⁊ motus eius in vna hora ad inueniendũ tp̃s ꝓ hõ.⁊.m̃.in quo luna attinget ad locũ ꝓut accidit in ipsius ꝯiunctione cũ sole inuẽto tp̃e eius ꝯiunctiõis ⁊ habita distãtia eorũ adinuicẽ oȝ ipsa diuidere per superationẽ motus lune a motu solis in vna hora: quare vt faciliter calculus perficiat̃ cõposui in suprascriptis tabulis numeros superioris tabule ĩcipiẽdo a.27.suas fractões sexagerias de.10.in.10.vsq; ad numerũ.38.ꝓut in tabulis apparet.Quare in simili calculo semꝑ ꝓsupponẽde sunt ĩ p̃ma linea ad sinistrã hõ.⁊ fractiões horarũ.⁊ ĩ superiori parte motũ lune.⁊ in vna hõ scȝ.m̃.⁊ fa.⁊ in angulo cõi.g.m̃.fa.ꝓductis. quare si date fuerint hore cũ motu ĩ vna hora.⁊ volueris motũ eius ad horas datas ip̃m qȝ ĩ angulo cõi: ⁊ si dato motu ĩ vna hora ⁊ data portiõe circuli pagrati seu peragrãdi ꝓ luna volueris ĩuenire ĩ quot horas peragrauit.At data distãtia iter solẽ ⁊ lunã: ⁊ volueris horas ⁊ eius fractiões: ꝯiũctiones ipsorũ ipsas reperies in p̃ma linea ad sinistrã.⁊ si dato motu lune peragrato ⁊ datis horis peragratiõis volueris motũ eius in vna hora ipsũ in superiori parte tabule reperies cum regulis suprascriptis: et hoc sufficit.⁊c.

Finis.

Venetiis p Simonẽ beuilaqua.

TABVLE BLANCHINI

27

¶ Tabule Ethereoꝝ motuũ Secũdi videlicet mobilis: Luminarium ac Planetarum viri perspicacissimi Johannis Blanchini. omnium ex his que Alfonsum sequuntur ꝗ̃ facillime. Sidere felici Incipiũt.

¶ Tabula motus augium communium.

Anni collecti	Locus Augiũ				Motus i anno		Anni collecti	Locus Augiũ				Motus in anno	
	S	g̃	m̃	2	2	3		S	g̃	m̃	2	2	3
	Directus				Adde			Directus				Adde	
60	0	0	55	25	55	14	1760	0	21	55	58	25	24
120	0	1	50	39	55	5	1820	0	22	21	12	23	49
180	0	2	45	44	55	3	1880	0	22	45	1	22	16
240	0	3	40	45	54	37	1940	0	23	7	17	20	40
300	0	4	35	24	54	3	2000	0	23	27	57	19	13
360	0	5	29	27	53	40	2060	0	23	47	10	17	40
420	0	6	23	13	53	8	2120	0	24	4	50	16	8
480	0	7	16	21	52	23	2180	0	24	20	58	14	42
540	0	8	8	44	51	50	2240	0	24	35	40	13	16
600	0	9	0	34	50	57	2300	0	24	48	56	11	59
660	0	9	51	31	50	12	2360	0	25	0	55	10	29
720	0	10	41	43	49	14	2420	0	25	11	24	9	19
780	0	11	30	57	48	9	2480	0	25	20	43	8	3
840	0	12	19	6	47	9	2540	0	25	28	46	6	53
900	0	13	6	15	46	1	2600	0	25	35	39	5	45
960	0	13	52	16	44	51	2660	0	25	41	24	4	45
1020	0	14	37	7	43	34	2720	0	25	46	9	3	40
1080	0	15	20	43	42	25	2780	0	25	49	49	2	42
1140	0	16	3	6	40	54	2840	0	25	52	31	1	57
1200	0	16	44	0	39	38	8900	0	25	54	28	1	4
1260	0	17	23	38	38	13	2960	0	25	55	32	0	31
1320	0	18	1	51	36	46		Retrogradꝰ				minue	
1380	0	18	38	37	35	14	3020	0	25	56	3	0	24
1440	0	19	13	51	33	41	3080	0	25	55	47	0	52
1500	0	19	47	32	32	14	3140	0	25	54	57	1	8
1560	0	20	19	46	30	38	3200	0	25	53	48	1	43
1620	0	20	50	24	29	5	3260	0	25	52	5	2	9
1680	0	21	19	29	27	30	3320	0	25	49	56	2	11
1740	0	21	46	59	26	42	3380	0	25	47	45	2	20
1750	0	21	51	26	26	12	3440	0	25	45	25	2	32

Tabula motus augium communium.

Anni collecti	Locus Augiū S	g	m	2	Motus in anno 2	3	Anni collecti	Locus Augiū S	g	m	2	Motus in anno 2	3
	Retrograd⁹				minue			Directus				Adde	
3500	0	25	42	53	2	31	5380	0	30	35	18	30	38
3560	0	25	40	22	2	20	5440	0	31	5	58	32	14
3620	0	25	38	2	2	11	5500	0	31	38	12	33	41
3680	0	25	35	51	2	9	5560	0	32	11	53	35	14
3740	0	25	33	42	1	45	5620	0	32	47	7	36	46
3800	0	25	31	59	1	9	5680	0	33	23	53	38	13
3860	0	25	30	50	0	52	5740	0	34	2	5	39	38
3920	0	25	29	58	0	14	5800	0	34	41	43	40	54
	Directus				adde		5860	0	35	22	38	42	25
3980	0	25	29	49	0	31	5920	0	36	5	3	43	34
4040	0	25	30	15	1	4	5980	0	36	48	38	42	51
4100	0	25	31	19	1	57	6040	0	37	33	29	46	1
4160	0	25	33	16	2	42	6100	0	38	19	30	47	9
4220	0	25	35	58	3	40	6160	0	39	6	39	48	9
4280	0	25	39	38	4	42	6220	0	39	54	48	49	14
4340	0	25	44	23	5	45	6280	0	40	44	2	50	12
4400	0	25	50	8	6	53	6340	0	41	34	14	50	57
4460	0	25	57	1	8	3	6400	0	42	25	11	51	50
4520	0	26	5	4	9	19	6460	0	43	17	1	52	23
4580	0	26	14	23	10	29	6520	0	44	9	24	53	8
4640	0	26	24	52	11	59	6580	0	45	2	32	53	46
4700	0	26	36	51	13	16	6640	0	45	56	18	54	3
4760	0	26	50	7	14	42	6700	0	46	56	21	54	37
4820	0	27	4	49	16	8	6760	0	47	44	58	55	3
4880	0	27	20	57	17	40	6820	0	48	40	1	55	5
4940	0	27	28	37	18	13	6880	0	49	36	6	55	14
4000	0	27	57	50	20	40	6940	0	50	30	20	55	25
5060	0	28	18	30	22	16	7000	0	51	25	45	55	25
5120	0	28	40	46	23	49							
5180	0	29	4	35	25	24							
5240	0	29	29	59	26	12							
5250	0	29	34	20	26	42							
5260	0	25	38	46	27	30							
5320	0	30	6	15	29	5							

Tabula motus augium communium.

Anni collecti	Locus Augiū			Anni collecti	Locus Augiū			Anni collecti	Locus Augiū		
	Directus				Directus				Retrogradus		
	S	g	m		S	g	m		S	g	m
7060	0	52	21	8880	1	14	11	10740	1	17	0
7120	0	53	16	8940	1	14	33	10800	1	16	58
7180	0	54	12	9000	1	14	54	10860	1	16	57
7240	0	55	6	9060	1	15	13	10920	1	16	56
7300	0	56	1	9120	1	15	31		Directus		
7360	0	56	55	9180	1	15	47	10980	1	16	56
7420	0	57	49	9240	1	16	1	11040	1	16	56
7480	0	58	42	9300	1	16	15	11100	1	16	57
7540	0	59	25	9360	1	16	27	11160	1	16	59
7600	1	0	26	9420	1	16	37	11220	1	17	2
7660	1	1	17	9480	1	16	47	11280	1	17	5
7720	1	2	7	9540	1	16	55	11340	1	17	10
7780	1	2	57	9600	1	17	1	11400	1	17	16
7840	1	3	45	9660	1	17	7	11460	1	17	23
7900	1	4	32	9720	1	17	12	11520	1	17	31
7960	1	5	18	9780	1	17	16	11580	1	17	40
8020	1	6	3	9840	1	17	18	11640	1	17	51
8080	1	6	46	9900	1	17	20	11700	1	18	3
8140	1	7	29	9960	1	17	21	11760	1	18	16
8200	1	8	6	10020	1	17	22	11820	1	18	31
8260	1	8	49		Retrogradꝰ			11880	1	18	47
8320	1	9	28	10080	1	17	22	11940	1	19	4
8380	1	10	4	10140	1	17	21	12000	1	19	24
8440	1	10	40	10200	1	17	20	12060	1	19	44
8500	1	11	13	10260	1	17	18	12120	1	20	7
8560	1	11	46	10320	1	17	16	12180	1	20	36
8620	1	12	16	10380	1	17	14	12240	1	20	56
8680	1	12	45	10440	1	17	11	12250	1	21	0
8740	1	13	13	10500	1	17	9	12260	1	21	5
8750	1	13	13	10560	1	17	6	12320	1	21	30
8760	1	13	22	10620	1	17	4	12380	1	22	1
8820	1	13	47	10680	1	17	2	12440	1	22	32

Tabula motus augium communium.

Anni collecti	Locus Augiũ Directus			Anni collecti	Locus Augiũ Directus			Anni collecti	Locus Augiũ Directus		
	S	g	m		S	g	m		S	g	m
12500	1	23	4	14480	1	50	8	16360	2	7	53
12560	1	23	38	14540	1	51	0	16420	2	8	3
12620	1	24	13	14600	1	51	52	16480	2	8	12
12680	1	24	50	14660	1	52	43	16540	2	8	20
12740	1	25	28	14720	1	53	33	16600	2	8	27
12800	1	26	8	14780	1	54	23	16660	2	8	33
12860	1	26	48	14840	1	55	11	16720	2	8	38
12920	1	27	31	14900	1	55	58	16780	2	8	41
12980	1	28	14	14960	1	56	44	16840	2	8	44
13040	1	28	59	15020	1	57	29	16900	2	8	46
13100	1	29	45	15080	1	58	12	16960	2	8	47
13160	1	30	32	15140	1	58	55				
13220	1	31	21	15200	1	59	36		Retrogradus		
13280	1	32	10	15260	2	0	15	17020	2	8	48
13340	1	33	0	15320	2	0	53	17080	2	8	48
13400	1	33	51	15380	2	1	30	17140	2	2	47
13460	1	34	43	15440	2	2	5	17200	2	8	45
13520	1	35	35	15500	2	2	39	17260	2	8	44
13580	1	36	28	15560	2	3	11	17320	2	8	42
13640	1	37	22	15620	2	3	42	17380	2	8	39
13700	1	38	16	15680	2	4	11	17440	2	8	37
13760	1	39	11	15740	2	4	39	17500	2	8	34
13820	1	40	6	15750	2	4	43	17560	2	8	32
13880	1	41	1	15760	2	4	47	17620	2	8	30
13940	1	41	56	15820	2	5	13	17680	2	8	27
14000	1	42	51	15880	2	5	37	17740	2	8	25
14060	1	43	47	15940	2	5	59	17800	2	8	24
14120	1	44	42	16000	2	6	20	17860	2	8	22
14180	1	45	37	16060	2	6	39	17920	2	8	22
14240	1	46	32	16120	2	6	56				
14300	1	47	27	16180	2	7	13		Directus		
14360	1	48	21	16240	2	7	27	17980	2	8	21
14420	1	49	15	16300	2	7	41	18040	2	8	22

Tabula motus augium communium.

Anni collecti	Locus Augiũ Directus S	ḡ	m̄	Anni collecti	Locus Augiũ Directus S	ḡ	m̄	Anni colllecti	Locus Augiũ Directus S	ḡ	m̄
18100	2	8	23	19920	2	18	57	21840	2	46	36
18160	2	8	25	19980	2	19	41	21900	2	47	23
18220	2	8	28	20040	2	20	25	21960	2	48	9
18280	5	8	31	20100	2	21	11	22020	2	48	54
18340	2	8	36	20160	2	21	58	22080	2	49	38
18400	2	8	42	20220	2	22	46	22140	2	50	20
18460	2	8	49	20280	2	23	36	22200	2	51	1
18520	2	8	57	20340	2	24	26	22260	2	51	41
18580	2	9	6	20400	2	25	17	22320	2	52	19
18640	2	9	16	20460	2	26	9	22380	2	52	56
18700	2	9	28	20520	2	27	1	22440	2	53	31
18760	2	9	42	20580	2	27	54	22500	2	54	4
18820	2	9	56	20640	2	28	48	22560	2	54	37
18280	2	10	13	20700	2	29	42	22620	2	55	8
18940	2	10	30	20760	2	30	37	22680	2	55	37
19000	2	10	49	20820	2	31	32	22740	2	56	4
19060	2	11	10	20880	2	32	27	22750	2	56	9
19120	2	11	32	20940	2	33	22	22760	2	56	13
19180	2	11	56	21000	2	34	17	22820	2	56	38
19240	2	12	22	21060	2	35	13	22880	2	57	2
19250	2	12	26	21120	2	36	8	22940	2	57	25
19260	2	12	31	21180	1	37	3	23000	2	57	45
19320	2	12	58	21240	2	37	58	23060	2	58	4
19380	2	13	27	21300	2	38	53	23120	2	58	22
19440	2	13	58	21360	2	39	47	23180	2	58	38
19500	2	14	30	21420	2	40	41	23240	2	58	53
19560	2	15	4	21480	2	41	34	23300	2	59	6
19620	2	15	39	21540	2	42	16	23360	2	59	18
19680	2	16	16	21600	2	43	18	23420	2	59	29
19740	2	16	54	21660	2	44	9	23480	2	59	38
19800	2	17	33	21720	2	44	59	23540	2	59	46
19860	2	18	14	21780	2	45	48	23600	2	59	53

Tabula motus augium communium.

Anni collecti	Locus Augiũ			Anni collecti	Locus Augiũ			Anni collecti	Locus Augiũ		
	Directus				Directus				Directus		
	S	g	m		S	g	m		S	g	m
23660	2	59	59	25460	3	0	14	27280	3	15	1
23720	3	0	3	25520	3	0	22	27340	2	15	51
23780	3	0	7	25580	3	0	31	27400	3	16	42
23840	3	0	10	25640	3	0	42	27460	3	17	34
23900	3	0	12	25700	3	0	54	27520	3	18	26
23960	3	0	13	25760	3	1	7	27580	3	19	19
	Retrogradus			25820	3	1	22	27640	3	20	13
24010	3	0	13	25880	3	1	38	27700	3	21	7
24080	3	0	13	25940	3	1	56	27760	3	22	2
24140	3	0	12	26000	3	2	15	27820	3	22	57
24200	3	0	11	26060	3	2	36	27880	3	23	52
24260	3	0	9	26120	3	2	58	27940	3	24	47
24320	3	0	7	26180	3	3	22	28000	3	25	42
24380	3	0	5	26240	3	3	47	28060	3	26	38
24440	3	0	3	26250	3	3	51	28120	3	27	34
24500	3	0	0	26260	3	3	56	28180	3	28	29
24560	2	59	57	26320	3	4	23	28240	3	29	34
24620	2	59	55	26380	3	4	52	28300	3	30	18
24680	2	59	53	26440	3	5	23	28360	3	31	12
24740	2	59	51	26500	3	5	55	28420	3	32	6
24800	2	59	49	26560	3	6	29	28480	3	32	59
24860	2	59	48	26620	3	7	4	28540	3	33	53
24920	2	59	47	26680	3	7	41	28600	2	34	43
	Directus			26740	3	8	19	28660	3	35	34
24980	2	59	47	26800	3	8	59	28720	3	36	25
25040	2	59	47	26860	3	9	40	28780	3	37	14
25100	2	59	48	26920	3	10	22	28840	3	38	2
25160	2	59	50	26980	3	11	6	28900	3	38	45
25220	2	59	53	26040	3	11	51	28960	3	39	35
25280	2	59	57	27100	3	12	37	29020	3	40	20
25340	3	0	1	27160	3	13	24	29080	3	41	4
25400	3	0	4	27220	3	14	12	29140	3	41	46

Tabula motus augium communium.

Anni collecti	Locus Augiũ			Anni collecti	Locus Augiũ			Anni collecti	Locus Augiũ		
	Directus				Retrogradus				Directus		
	S	g̃	m̃		S	g̃	m̃		S	g̃	m̃
29200	3	42	27	31080	3	51	39	33060	3	54	1
29260	3	43	6	31140	3	51	38	33120	3	54	24
29320	3	43	45	31200	3	51	37	33180	3	54	47
29380	3	44	21	31260	3	51	35	33240	3	55	13
29440	3	44	57	31320	3	51	33	33250	3	55	17
29500	3	45	30	31380	3	51	31	33260	3	55	22
29560	3	46	3	31440	3	51	28	33320	3	55	49
29620	3	46	33	31500	3	51	26	33380	3	56	18
29680	3	47	2	31560	3	51	23	33440	3	56	49
29740	3	47	30	31620	3	51	21	33500	3	57	21
29750	3	47	34	31680	3	51	19	33560	3	57	55
29760	3	47	39	31740	3	51	17	33620	3	58	30
29820	3	48	4	31800	3	51	15	33680	3	59	7
29880	3	48	28	31860	3	51	14	33740	3	59	45
29940	3	48	50	31920	3	51	13	33800	4	0	25
30000	3	49	11		Directus			33360	4	1	6
30060	3	49	30	31980	3	51	13	33920	4	1	48
30120	3	49	48	32040	3	51	13	33980	4	2	32
30180	3	50	4	32100	3	51	14	34040	4	3	16
30240	3	50	19	32160	3	51	16	34100	4	4	2
30300	3	50	32	32220	3	51	19	34160	4	4	50
30360	3	50	44	32280	3	51	22	34220	4	5	38
30420	3	50	54	32340	3	51	27	34280	4	6	27
30480	3	51	4	32400	3	51	33	34340	4	7	17
30540	3	51	12	32460	3	51	40	34400	4	8	8
30600	3	51	19	32520	3	51	48	34460	4	9	0
30660	3	51	24	32580	3	51	57	34520	4	9	53
30720	3	51	29	32640	3	52	8	34580	4	10	45
30780	3	51	33	32700	3	52	20	34640	4	11	39
30840	3	51	35	32760	3	52	33	34700	4	12	33
30900	3	51	37	32820	3	52	48	34760	4	13	28
30960	3	51	38	32880	3	53	4	34820	4	14	23
	Retrogradus			32940	3	53	21	34880	4	15	18
31020	3	51	39	33000	3	53	41	34940	4	16	19

Tabula motus augium communium.

Anni collecti	Locus Augiū			Anni collecti	Locus Augiū			Anni collecti	Locus Augiū		
	Directus				Directus				Retrogradꝰ		
	S	g̃	m̃		S	g̃	m̃		S	g̃	m̃
35000	4	17	9	36940	4	40	16	38860	4	42	39
35060	4	18	4	37000	4	40	37	38920	4	42	39
35120	4	18	59	37060	4	40	56				
35180	4	19	54	37120	4	41	13		Directus		
35240	4	20	49	37180	4	41	30	38980	4	42	38
35300	4	21	44	37240	4	41	44	39040	4	42	39
35360	4	22	38	37300	4	41	58	39100	4	42	40
35420	4	23	32	37360	4	42	10	39160	4	42	42
35480	4	24	25	37420	4	42	20	39220	4	42	45
35540	4	25	17	37480	4	42	29	39280	4	42	48
35600	4	26	9	37540	4	42	37	39340	4	42	53
35660	4	27	0	37600	4	42	44	39400	4	42	59
35720	4	27	50	37660	4	42	50	39460	4	43	6
35780	4	28	40	37720	4	42	55	39520	4	43	14
35840	4	29	29	37780	4	42	58	39580	4	43	23
35900	4	30	16	37840	4	43	1	39640	4	43	33
35960	4	31	2	37900	4	43	3	39700	4	43	45
36020	4	31	47	37960	4	43	4	39760	4	43	59
36080	4	32	30					37820	4	44	13
36140	4	33	13		Retrogradꝰ			39880	4	44	30
36200	4	33	54	38020	4	43	5	39940	4	44	47
36260	4	34	32	38080	4	43	4	40000	4	45	6
36320	4	35	10	38140	4	43	4	40060	4	45	27
36380	4	35	47	38200	4	43	3	40120	4	45	49
36440	4	36	27	38260	4	43	1	40180	4	46	13
36500	4	36	56	38320	4	42	59	40240	4	46	39
36560	4	37	28	38380	4	42	56	40250	4	46	43
36620	4	37	55	38440	4	42	54	42060	4	46	47
36680	4	38	28	38500	4	42	51	40320	4	47	15
36740	4	38	56	38560	4	42	49	40380	4	47	44
36750	4	39	0	38620	4	42	47	40440	4	48	15
36760	4	39	4	38680	4	42	44	40500	4	48	47
36820	4	39	30	38740	4	42	42	40560	4	49	21
36880	4	39	54	38800	4	42	41	40620	4	49	56

Tabula motus augium communium.

Anni collecti	Locus Augium Direct°			Anni co lecti	Locus Angiuz Direct'			Anni collecti	Locus Angiuz Direct°		
	S	g	m		S	g	m		S	g	m
40680	4	50	33	42660	5	18	26	44540	5	34	3
40740	4	51	11	42720	5	19	16	44600	5	34	10
40800	4	51	50	42780	5	20	5	44660	5	34	16
40860	4	52	31	42840	5	20	53	44720	5	34	21
40920	4	53	14	42900	5	21	41	44780	5	34	24
40980	4	53	57	42960	5	22	27	44840	5	34	27
41040	4	54	42	43020	5	23	11	44900	5	34	29
41100	4	55	28	43080	5	23	55	44960	5	34	30
41160	4	56	15	43140	5	24	37		Retrograd°		
41220	4	57	3	43200	5	25	18	45020	5	34	30
41280	4	57	53	43260	5	25	58	15080	5	34	30
41340	4	58	43	43320	5	26	36	45140	5	31	29
41400	4	59	34	43380	5	27	13	45200	5	34	28
41460	5	0	26	43440	5	27	48	45260	5	34	26
41520	5	1	18	43500	5	28	22	45320	5	34	24
41580	5	2	11	43560	5	28	54	45380	5	34	22
41640	5	3	5	43620	5	29	25	45440	5	34	20
41700	5	3	59	43680	5	39	51	45500	5	34	17
41760	5	4	54	43740	5	30	21	45560	5	34	15
41820	5	5	49	43750	5	30	26	45620	5	34	12
41880	5	6	44	43760	5	30	30	45680	5	34	10
41940	5	7	39	43820	5	30	56	45740	5	34	8
42000	5	8	34	43880	5	31	19	45800	5	34	6
42060	5	9	30	43940	5	31	42	45860	5	34	5
42120	5	10	25	44000	5	32	2	45920	5	34	4
42180	5	11	20	44060	5	32	22		Directus		
42240	5	12	15	44120	5	32	39	45980	5	34	4
42300	5	13	10	34180	5	32	55	46040	5	34	5
42360	5	14	4	44240	5	33	10	46100	5	34	6
42420	5	14	58	44300	5	33	23	46160	5	34	8
42480	5	15	51	44360	5	33	35	46220	5	34	10
42540	5	16	43	44420	5	33	46	46280	5	34	14
42600	5	17	35	44480	5	33	55	16340	5	34	19

Tabula motus augium communium

Anni collecti	Locus Augiũ Directus S	g	m	Anni collecti	Locus Augiũ Directus S	g	m
46400	5	34	24	48220	5	48	29
46460	5	34	31	48280	5	49	18
46520	5	34	39	48340	5	50	9
46580	5	34	49	48400	5	51	0
46640	5	34	59	48460	5	51	51
46700	5	35	11	48520	5	52	44
46760	5	35	24	48580	5	53	37
46820	5	35	39	48640	5	54	31
46880	5	35	55	48700	5	55	25
46940	5	36	13	48760	5	56	19
47000	5	36	32	48820	5	57	14
47060	5	36	53	48880	5	58	9
47120	5	37	15	48940	5	59	5
47180	5	37	39	49000	0	0	0
47240	5	38	4				
47250	5	38	9				
47260	5	38	13				
47320	5	38	41				
47380	5	39	10				
47440	5	39	40				
47500	5	40	13				
47560	5	40	46				
47620	5	41	22				
47680	5	41	58				
47740	5	42	36				
47800	5	43	16				
47860	5	43	57				
47920	5	44	39				
47980	5	45	23				
48040	5	46	8				
48100	5	46	54				
48160	5	47	41				

Radix augium

	S	g	m	2
☉ ♀	1	11	32	8
♄	3	53	30	27
♃	2	33	43	55
♂	1	55	18	58
☿	3	10	46	19

ℭ Tabula dierũ mẽsium

Noĩa mensium	nõ bisextiles	bisextiles
Janua.	31	31
Febru.	59	60
Mar.	90	91
April.	120	121
Mai.	151	152
Juni.	181	182
Juli.	212	213
Augu.	243	244
Sept.	273	274
Octob.	304	305
Nouẽ.	334	335
Decẽ.	365	366

Tabula solis 7 capitis draconis in medijs motibus.

Linea nueri annoꝝ	Tabula medij motus i annis ☉ S	g	m	2	☊ S	g	m	2
1000	0	7	20	48	4	21	32	39
900	0	6	36	44	2	7	23	23
800	0	5	52	40	5	53	14	9
700	0	5	8	35	3	39	4	51
600	0	4	24	30	1	24	55	35
500	0	3	40	25	5	10	46	19
400	0	2	56	20	2	56	37	4
300	0	2	12	15	0	42	27	46
200	0	1	28	10	4	28	18	30
100	0	0	44	5	2	14	9	15
80	0	0	35	16	1	47	19	24
60	0	0	26	27	1	20	29	33
40	0	0	17	38	0	53	39	43
20	0	0	8	49	0	26	49	51
19	5	59	24	3	0	7	26	58
18	5	59	38	24	5	48	7	16
17	5	59	52	44	5	28	47	34
16	0	0	7	5	5	9	27	52
15	5	59	22	17	4	50	5	0
14	5	59	36	37	4	30	45	18
13	5	59	50	57	4	11	25	26
12	0	0	5	18	3	52	5	54
11	5	59	20	30	3	32	43	2
10	5	59	34	50	3	13	23	20
9	5	59	49	14	2	50	3	40
8	0	0	3	34	2	34	43	58
7	5	59	18	49	2	15	21	5
6	5	59	33	9	1	56	1	23
5	5	59	47	29	1	36	41	41
4	0	0	1	49	1	17	21	29
3	5	59	17	0	0	57	59	6
2	5	59	31	20	0	38	39	24
1	5	59	45	39	0	19	19	42

Tabula radicum.

Ra/ dix	Medij motus ☉ S	g	m	2	Medij motus ☊ S	g	m	2
xpi	4	38	17	34	1	31	55	42
1400	4	48	34	42	2	50	5	27
1440	4	48	52	20	3	43	45	9

Medij motus in diebus

Linea dieꝝ	☉ S	g	m	2	☊ S	g	m	2
300	4	55	41	37	0	15	53	11
200	3	17	7	45	0	10	35	27
100	1	38	33	52	0	5	17	44
90	1	28	42	29	0	4	45	58
80	1	18	51	6	0	4	14	11
70	1	8	59	43	0	3	42	25
60	0	59	8	20	0	3	10	38
50	0	49	16	56	0	2	38	51
40	0	39	25	33	0	2	7	5
30	0	29	34	10	0	1	35	19
20	0	19	42	47	0	1	3	33
10	0	9	51	23	0	0	31	47
9	0	8	52	15	0	0	28	36
8	0	7	53	7	0	0	25	25
7	0	6	53	58	0	0	22	14
6	0	5	54	50	0	0	19	4
5	0	4	55	42	0	0	15	53
4	0	3	56	33	0	0	12	43
3	0	2	57	25	0	0	9	32
2	0	1	58	17	0	0	6	21
1	0	0	59	8	0	0	3	11

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¶ Tabula Medij motus in horis

	☉				☊			
Hore	S	g	m	2	S	g	m	2
1	0	0	2	28	0	0	0	8
2	0	0	4	56	0	0	0	16
3	0	0	7	24	0	0	0	24
4	0	0	9	51	0	0	0	32
5	0	0	12	19	0	0	0	40
6	0	0	14	47	0	0	0	48
7	0	0	17	16	0	0	0	56
8	0	0	19	44	0	0	1	4
9	0	0	22	11	0	0	1	12
10	0	0	24	38	0	0	1	20
11	0	0	27	6	0	0	1	27
12	0	0	29	34	0	0	1	35
13	0	0	32	2	0	0	1	43
14	0	0	34	30	0	0	1	51
15	0	0	36	58	0	0	1	59
16	0	0	39	26	0	0	2	7
17	0	0	41	54	0	0	2	15
18	0	0	44	21	0	0	2	25
19	0	0	46	49	0	0	2	31
20	0	0	49	17	0	0	2	39
21	0	0	51	45	0	0	2	47
22	0	0	54	13	0	0	2	55
23	0	0	56	40	0	0	3	3
24	0	0	59	8	0	0	3	11
25	0	1	1	30	0	0	3	19
26	0	1	4	4	0	0	3	27
27	0	1	6	31	0	0	3	35
28	0	1	8	59	0	0	3	43
29	0	1	11	27	0	0	3	50
30	0	1	13	54	0	0	3	58
40	0	1	38	32	0	0	5	18
50	0	2	3	10	0	0	6	38
60	0	2	27	48	0	0	7	58

Tabula Solis in Auge.

Anni collecti	Junii			Equatio			Locus augis et ☉				mo. tan.	Anni collecti	Junii			Equatio			Locus augis et ☉				mot' ãno
	D	h.	m.	h.	m.	2.	S	g	m	2	2		D	h.	m.	h.	m.	2.	S	g	m	2	2
0	3	23	38	1	p' bis.		1	11	17	32	55	140	5	2	59	2			1	13	26	37	55
4	4	0	25	6	11	46	1	11	21	14		144	5	3	45	12	23	14	1	13	30	17	
8	4	1	22				1	11	24	56		148	5	4	32				1	13	33	57	
12	4	1	59				1	11	28	38		152	5	5	18	3			1	13	37	38	
16	4	2	46				1	11	32	19		156	5	6	5	18	34	51	1	13	41	38	
20	4	3	33				1	11	36	1		160	5	6	51				1	13	44	59	
24	4	4	20				1	11	39	43		164	5	7	38	1			1	13	48	39	55
28	4	5	7				1	11	43	25		168	5	8	23	6	11	37	1	13	52	19	
32	4	5	54	2 post bis			1	11	47	7		172	5	9	11				1	13	55	59	
36	4	6	42	12	33	32	1	11	50	49		176	5	9	57				1	13	59	40	
40	4	7	29				1	11	54	30		180	5	10	44				1	14	3	20	
44	4	8	16				1	11	58	12	55	184	5	11	30				1	14	7	0	
48	4	9	23				1	12	1	54		188	5	12	17	2			1	14	10	40	
52	4	9	50				1	12	5	26		192	5	13	3	12	23	14	1	14	14	21	
56	4	10	37				1	12	9	17		196	5	13	50				1	14	18	1	55
60	4	11	24				1	12	12	59		200	5	14	36				1	14	21	42	
64	4	12	11	3			1	12	16	40		204	5	15	23				1	14	25	22	
68	4	12	58	18	35	18	1	12	20	22		208	5	16	9				1	14	29	2	
72	4	13	45				1	12	24	4		212	5	16	56				1	14	32	42	
76	4	14	33				1	12	27	46		216	5	17	42				1	14	36	33	
80	4	15	20				1	12	31	28		220	5	18	26				1	14	40	3	
84	4	16	7				1	12	35	10		224	5	19	15				1	14	43	42	
88	4	16	54	1			1	12	38	49	55	228	5	20	0				1	14	47	23	
92	4	17	42	6	11	40	1	12	42	30		232	5	20	48	3			1	14	51	4	
96	4	18	27				1	12	46	10		236	5	21	34	18	34	51	1	14	54	44	
100	4	19	13	2			1	12	49	51		240	5	22	20				1	14	58	25	55
104	4	20	0	12	23	20	1	12	53	31		244	5	23	7	1			1	15	2	4	
108	4	20	46				1	12	57	12		248	5	23	53	6	11	30	1	15	5	43	
112	4	21	33	3			1	13	0	54		252	6	0	38				1	15	9	22	
116	4	22	19	18	35	0	1	13	4	35		256	6	1	25	2			1	15	13	1	
120	4	23	6				1	13	8	16		260	6	2	19	12	23	0	1	15	16	40	
124	4	23	53				1	13	11	56		264	6	2	57				1	15	20	19	
128	5	0	39	1			1	13	15	39		268	6	3	44				1	15	23	58	
132	5	1	26	6	11	3	71	13	19	16		272	6	4	30	3			1	15	27	38	
136	5	2	12				1	13	22	57	55	276	6	5	16	18	34	30	1	15	31	17	55

Tabula Solis in Auge

Anni collecti	Junij			Equatio			Locus augis et ☉				mo. i an.	Anni collecti	Junij			Eqtio			Locus augis et ☉				mot. i anni
	S	h.	m.	h.	m.	2.	S	g	m	2	2		S	h.	m.	h.	m.	2.	S	g	m	2	2
280	6	6	2		1		1	15	34	56	54	420	7	8	13				1	17	41	14	53
284	6	6	47	6	11	12	1	15	38	34		424	7	8	57				1	17	44	54	
288	6	7	32				1	15	42	13		428	7	9	42				1	17	48	25	
292	6	8	17		2		1	15	45	51		432	7	10	26		3		1	17	52	1	
296	6	9	3	12	22	44	1	15	49	29		436	7	11	10	18	33	15	1	17	55	36	
300	6	9	48				1	15	52	7		440	7	11	55				1	17	59	11	
304	6	10	34				1	15	56	49		444	7	12	39		1		1	18	2	44	
308	6	11	19		3		1	16	0	22		448	7	13	22	6	16	52	1	18	6	17	
312	6	12	5	18	34	6	1	16	4	0	54	452	7	14	6				1	18	9	50	
316	6	12	50				1	16	7	38		456	7	14	19		2		1	18	13	23	
320	6	13	36		1		1	16	11	15		460	7	15	33	12	21	44	1	18	16	56	53
324	6	14	21	6	11	17	1	16	14	52		464	7	16	16				1	18	20	28	
328	6	15	6				1	16	18	29		468	7	16	59				1	18	24	1	
332	6	15	51		2		1	16	22	6		472	7	17	49		3		1	18	27	31	
336	6	16	36	12	22	34	1	16	25	43		476	7	18	27	18	32	36	1	18	31	7	
340	6	17	21				1	16	29	20		480	7	19	10				1	18	34	40	
344	6	18	6				1	16	32	57		484	7	19	52		1		1	18	38	11	
348	6	18	51		3		1	16	36	34		488	7	20	35	6	10	38	1	18	41	41	
352	6	19	3	18	33	51	1	16	40	11	54	492	7	21	17				1	18	45	12	53
356	6	20	21				1	16	43	48		496	7	21	59		2		1	18	48	42	52
360	6	21	6				1	16	47	25		500	7	22	42	12	21	16	1	18	52	13	
364	6	21	51		1		1	16	51	1		504	7	23	25				1	18	55	43	
368	6	22	35	6	11	8	1	16	54	36		508	8	0	7				1	18	59	14	
372	6	23	20				1	16	58	12		512	8	0	50		3		1	19	2	45	
376	7	0	4		2		1	17	1	47		516	8	1	33	18	31	54	1	19	6	16	
380	7	0	49	12	22	16	1	17	5	22		520	8	2	16				1	19	9	47	
384	7	1	33				1	17	8	58	54	524	8	2	57		1		1	19	13	16	
388	7	2	18		3		1	17	12	33		528	8	3	34	6	10	26	1	19	16	44	
392	7	3	2	18	33	24	1	17	16	8		532	8	4	21				1	19	20	13	52
396	7	3	47				1	17	19	43		546	8	5	2		2		1	19	23	41	
400	7	4	31		1		1	17	23	20		540	8	5	44	12	20	52	1	19	27	10	
404	7	5	16	6	11	5	1	17	26	55		544	8	6	26				1	19	30	39	
408	7	6	0				1	17	30	30		548	8	7	8				1	19	34	8	
412	7	6	49		2		1	17	34	5		552	8	7	49		3		1	19	37	36	
416	7	7	29	12	22	10	1	17	37	39	54	556	8	8	31	18	31	18	1	19	41	5	52

Tabula								Solis							in			Auge					
Nũe rian nor	Junij			Equatio			Locus augis et ☉				mo.	Nũe rian nor	Junij			Eq̃tio			Locus augis et ☉				motus in ãno
	D	h.	m̃	h.	m̃.	2.	S	g̃	m̃	2	2		D	h.	m̃	h.	m̃	2.	S	g̃	m̃	2	2
560	8	9	13				1	19	44	34	52	700	9	8	37				1	21	43	56	5[illegible]
564	8	9	55		1		1	19	48	2		704	9	9	15				1	21	47	16	
568	8	10	36	6	10	18	1	19	51	29		708	9	9	54				1	21	50	37	
572	8	11	17				1	19	54	56		713	9	10	32		3		1	21	53	58	
576	8	11	59				1	19	58	24		716	9	11	11	18	28	5	1	21	57	19	
580	8	12	40		2		1	20	1	51		720	9	11	49				1	22	0	49	
584	8	13	21	12	20	36	1	20	5	19		724	9	12	27		1		1	22	3	59	50
588	8	14	2				1	20	8	46		728	9	13	5	6	9	24	1	22	7	17	49
592	8	14	43				1	20	12	14		732	9	13	42				1	22	10	36	
596	8	15	25		3		1	20	15	41		736	9	14	21		2		1	22	13	54	
600	8	16	6	18	30	54	1	20	19	8		740	9	14	57	12	18	48	1	22	17	12	
604	8	16	46				1	20	22	34		744	9	15	35				1	22	20	31	
608	8	17	27		1		1	20	25	59		748	9	16	12		3		1	22	23	49	
612	8	18	7	6	10	8	1	20	29	25	52	752	9	16	50	18	28	12	1	22	27	8	
616	8	18	48				1	20	32	50	51	756	9	17	28				1	22	30	26	
620	8	19	28		2		1	20	36	16		760	9	18	5		1		1	22	33	45	
624	8	20	9	12	20	16	1	20	39	42		764	9	18	42	6	9	8	1	22	37	1	
628	8	20	50				1	20	43	8		768	9	19	19				1	22	40	16	
632	8	21	30				1	20	46	33		772	9	19	55				1	22	43	32	
636	8	22	11		3		1	20	49	59		776	9	20	35		2		1	22	46	48	
640	8	22	51	18	30	24	1	20	53	25		780	9	21	8	12	18	16	1	22	50	4	
644	8	23	32				1	20	56	49		784	9	21	45				1	22	53	19	
648	9	0	11		1		1	21	0	10		788	9	22	22		3		1	22	56	35	
652	9	0	50	6	9	50	1	21	3	33		792	9	22	58	18	27	24	1	22	59	51	4
656	9	1	30				1	21	6	56		796	9	23	35				1	23	3	7	
660	9	2	9		2		1	21	10	19	51	800	10	0	12		1		1	23	6	24	
664	9	2	48	12	19	40	1	21	13	42	50	804	10	0	48	6	8	54	1	23	9	38	
668	9	3	27				1	21	17	5		808	10	1	23				1	23	12	51	
672	9	4	6		3		1	21	20	27		812	10	1	59		2		1	23	16	5	
676	9	4	45	18	29	30	1	21	23	50		816	10	2	34	12	8	54	1	23	19	18	
680	9	5	25				1	21	27	13		820	10	3	10				1	23	22	32	
684	9	6	3		1		1	21	30	35		824	10	3	45				1	23	25	45	
688	9	6	41	6	9	37	1	21	33	54		828	10	4	21		3		1	23	28	59	
692	9	7	20		2		1	21	36	15		832	10	4	56	18	26	44	1	23	32	12	
696	9	7	58	12	19	14	1	21	40	35	50	836	10	5	32				1	23	35	26	48

Tabula Solis in Auge

Nũe ri an no	Junij D	h.	m̃	Equatio h.	m̃	2	Locus augis et ☉ S	g	m̃	2	mo. i an 2	Nũe ri an no	Junij D	h.	m̃	Eqtio h.	m̃	2	Locus augis et ☉ S	g	m̃	2	motus i anno 2
840	10	6	7		1		1	23	38	39		980	11	1	16		2		1	25	27	32	
844	10	6	42	6	8	33	1	23	41	49	48	984	11	1	47	12	15	26	1	25	30	33	
848	10	7	16				1	23	44	59	47	988	11	2	18				1	25	33	35	
852	10	7	50		2		1	23	48	9		992	11	2	48		3		1	25	36	37	
856	10	8	25	12	17	6	1	23	51	19		996	11	3	19	18	23	9	1	25	39	39	
856	10	8	59				1	23	54	29		1000	11	3	50		1		1	25	42	42	44
864	10	9	33		3		1	23	57	39		1004	11	4	20	6	7	20	1	25	45	40	
868	10	10	7	18	25	39	1	24	0	49		1008	11	4	49				1	25	48	38	
872	10	10	41				1	24	3	59		1012	11	5	19				1	25	51	36	
876	10	11	16				1	24	7	9		1016	11	5	48		2		1	25	54	34	
880	10	11	50		1		1	24	10	19		1020	11	6	17	12	14	40	1	25	57	32	
884	10	12	23	6	8	20	1	24	13	28		1024	11	6	46				1	26	0	30	
888	10	12	56				1	24	16	36		1028	11	7	16				1	26	3	28	
892	10	13	30		2		1	24	19	44		1032	11	7	45		3		1	26	6	26	
896	10	14	3	12	16	40	1	24	22	52		1036	11	8	14	18	22	0	1	26	9	24	
900	10	14	36				1	24	26	0	47	1040	11	8	43		1		1	26	12	22	
904	10	15	10		3		1	24	29	9	46	1044	11	9	12	6	7	1	1	26	15	17	
908	10	15	43	18	25	0	1	24	32	17		1048	11	9	40				1	26	18	12	
912	10	16	17				1	24	35	25		1052	11	10	8		2		1	26	21	7	
916	10	16	50				1	24	38	33		1056	11	10	35	12	14	2	1	26	24	2	43
920	10	17	23		1		1	24	41	41		1060	11	11	3				1	26	26	57	
924	10	17	56	6	7	57	1	24	44	45		1064	11	11	31		3		1	26	29	52	
928	10	18	28				1	24	47	49		1068	11	12	0	18	21	3	1	26	32	47	
932	10	19	0				1	24	50	53		1072	11	12	28				1	26	35	42	
936	10	19	31		2		1	24	53	57		1076	11	12	57				1	26	38	37	
940	10	20	3	12	15	54	1	24	57	1		1080	11	13	24		1		1	26	41	32	
944	10	20	35				1	25	0	6		1084	11	13	52	6	6	45	1	26	44	24	
948	10	21	7		3		1	25	3	10		1088	11	14	19				1	26	47	18	
952	10	21	38	18	23	51	1	25	6	14		1092	11	14	56		2		1	26	50	8	
956	10	22	10				1	15	9	18		1096	11	15	13	12	13	30	1	26	53	1	
960	10	22	42		1		1	25	12	23	45	1100	11	15	40				1	26	55	54	
968	10	23	13	6	7	43	1	25	15	25		1104	11	16	7				1	26	58	46	42
988	10	23	44				1	25	18	26		1108	11	16	34				1	27	1	38	
992	11	0	15				1	25	21	28		1112	11	17	1		3		1	27	4	31	
996	11	0	45				1	25	24	30		1116	11	17	28	18	20	15	1	27	7	23	

Tabula						Solis										in		Auge					
Nũe ri an nor	Junii			Eq̃tio			Locus augis ☉				mo i an	Nũe ri an nor	Junij			Eq̃tio			Locus augis et ☉				motus i anno
	D	h.	m̃	h.	m̃	2.	S	g̃	m̃	2	2		D	h.	m̃	h.	m̃	2	S	g̃	m̃	2	2
1120	11	17	55		1		1	27	10	16		1260	12	7	30				1	28	45	24	39
1124	11	18	21	6	6	19	1	27	13	4		1264	12	7	51				1	28	48	1	
1128	11	18	46				1	27	15	52		1268	12	8	12		3		1	28	50	38	
1132	11	19	11		2		1	27	18	40		1272	12	8	33	18	15	42	1	28	53	16	
1136	11	19	37	12	12	38	1	27	21	28		1276	12	8	54				1	28	55	53	
1140	11	20	2				1	27	24	16	41	1280	12	9	15		1		1	28	58	32	38
1144	11	20	37		3		1	27	27	4		1284	12	9	34	6	4	48	1	29	1	5	
1148	11	20	53	18	18	57	1	27	29	52		1288	12	9	53				1	29	3	38	
1152	11	21	17				1	27	32	40		1292	12	10	12		2		1	29	6	11	
1156	11	21	43				1	27	35	28		1296	12	10	31	12	9	36	1	29	8	44	
1160	11	22	8		1		1	27	38	16		1300	12	10	50				1	29	11	17	
1164	11	22	32	6	5	54	1	27	41	0		1304	12	11	9				1	29	13	50	
1168	11	22	56				1	27	43	44		1308	12	11	29				1	29	16	23	
1172	11	23	19		2		1	27	46	58		1312	12	11	48		3		1	29	18	57	
1176	11	23	43	12	11	48	1	27	49	12		1316	12	12	7	18	14	24	1	29	21	30	
1180	12	0	6				1	27	51	56		1320	12	12	26		1		1	29	24	4	37
1184	12	0	30				1	27	54	41		1324	12	12	44	6	4	25	1	29	26	33	
1188	12	0	54		3		1	27	57	25	40	1328	12	13	2				1	29	29	2	
1192	12	1	17	18	17	42	1	28	0	9		1332	12	13	19		2		1	29	31	32	
1196	12	1	41				1	28	2	53		1336	12	13	37	12	8	50	1	29	34	1	
1200	12	2	5		1		1	28	5	37		1340	12	13	54				1	29	36	31	
1204	12	2	27	6	5	30	1	28	8	17		1344	12	14	12				1	29	39	0	
1208	12	2	49				1	28	10	57	39	1348	12	14	30		3		1	29	41	30	
1212	12	3	11		2		1	28	13	37		1352	12	14	48	18	13	15	1	29	43	59	
1216	12	3	33	12	11	0	1	28	16	17	40	1356	12	15	5				1	29	46	28	36
1220	12	3	55				1	28	18	57	39	1360	12	15	23		1		1	29	48	57	
1224	12	4	17		3		1	28	21	37		1364	12	15	39	6	4	3	1	29	51	23	
1228	12	4	39	18	16	30	1	28	24	17		1368	12	15	55				1	29	53	49	
1232	12	5	1				1	28	26	57		1372	12	16	11		2		1	29	56	15	
1236	12	5	23		1		1	28	29	37		1376	12	16	28	12	8	6	1	29	58	40	
1240	12	5	44	6	5	14	1	28	32	16		1380	12	16	44				1	30	1	6	
1244	12	6	6				1	28	34	55		1384	12	17	0				1	30	3	32	
1248	12	6	27				1	28	37	32		1388	12	17	16				1	30	5	57	
1252	12	6	48		2		1	28	40	10	39	1392	12	17	32		3		1	30	8	23	
1256	12	7	9	12	10	28	1	28	42	47		1396	12	17	48	18	12	9	1	30	10	41	

Tabula Solis in Auge

Nūeri anno	Junij			Equatio			Locus augis et ☉				mo. tan.	Nūeri anno	Junij			Eq̄tio			Locus augis et ☉				
nōr	D	h.	m̄.	h.	m̄.	2.	S	g	m̄	2	2	nōr	D	h.	m̄.	h.	m̄	2.	S	g	m̄	2	2
1400	12	18	5		1		1	30	13	15		1540	13	1	18				1	31	32	45	
1404	12	18	20	6	3	37	1	30	15	37	35	1544	13	1	27				1	31	34	54	
1408	12	18	34				1	30	17	58		1548	13	1	37		3		1	31	37	3	
1412	12	18	49		2		1	30	20	20		1552	13	1	46	18	7	12	1	31	39	13	
1416	12	19	3	12	7	14	1	30	22	41		1556	13	1	56				1	31	41	22	
1420	12	19	18				1	30	25	2		1560	13	2	5		1		1	31	43	32	31
1424	12	19	32				1	30	27	23		1564	13	2	14	6	1	59	1	31	45	37	
1428	12	19	47				1	30	29	44		1568	13	2	22				1	31	47	42	
1432	12	20	1		3		1	30	32	6		1572	13	2	30		2		1	31	49	47	
1436	12	20	16	18	10	51	1	30	34	27		1576	13	2	38	12	3	58	1	31	51	53	
1440	12	20	30		1		1	30	36	50	34	1580	13	2	46				1	31	53	58	
1444	12	20	44	6	3	13	1	30	39	8		1584	13	2	54		3		1	31	56	3	
1448	12	20	57				1	30	41	25		1588	13	3	2	18	5	57	1	31	58	8	
1452	12	21	10		2		1	30	43	43		1592	13	3	10				1	32	0	15	30
1456	12	21	23	12	6	26	1	30	46	0		1596	13	3	18				1	32	2	20	
1460	12	21	36				1	30	48	12		1600	13	3	26		1		1	32	4	26	
1464	12	21	49		3		1	30	50	35		1604	13	3	33	6	1	32	1	32	6	27	
1468	12	22	1	18	9	39	1	30	52	53		1608	13	3	39				1	32	8	28	
1472	12	22	14				1	30	55	10		1612	13	3	45		2		1	32	10	29	
1476	12	22	27				1	30	57	28	33	1616	13	3	51	12	3	4	1	32	12	30	
1480	12	22	40		1		1	30	59	45		1620	13	3	57				1	32	14	31	29
1484	12	22	51	6	2	41	1	31	1	58		1624	13	4	3				1	32	16	32	
1488	12	23	2				1	31	4	11		1628	13	4	10		3		1	32	18	33	
1492	12	23	13		2		1	31	6	24		1632	13	4	16	18	4	36	1	32	20	34	
1496	12	23	24	12	5	34	1	31	8	37		1636	13	4	22				1	32	22	34	
1500	12	23	35				1	31	10	50		1640	13	4	28		1		1	32	24	35	
1504	12	23	46				1	31	13	4		1644	13	4	32	6	1	8	1	32	26	32	
1508	12	23	57				1	31	15	17		1648	13	4	36				1	32	28	29	
1512	13	0	8		3		1	31	17	30		1652	13	4	41		2		1	32	30	26	
1516	13	0	19	18	8	21	1	31	19	43		1656	13	4	45	12	2	16	1	32	32	23	
1520	13	0	30		1		1	31	21	58	32	1660	13	4	50				1	32	34	20	
1524	13	0	40	6	2	24	1	31	24	8		1664	13	4	54				1	32	36	17	
1528	13	0	49				1	31	26	17		1668	13	4	59				1	32	38	14	
1532	13	0	59		2		1	31	28	27		1672	13	5	3		3		1	32	40	12	28
1536	13	1	8	12	4	48	1	31	30	36		1676	13	5	8	18	3	24	1	32	42	9	

motus in anno

¶ Tabula Solis in Auge

Nūe rian nor	Junij D	h.	m̄	Equatio h.	m̄		Locus augis et ☉ 2.S	g	m̄	2	mo ian 2	Nūe rian nor	Junij D	h.	m̄	Eq̄tio h.	m̄		Locus augis et ☉ 2.S	g	m̄	2	motus in anno 2
1680	13	5	12		1		1	32	44	6	28	1820	13	5	35				1	33	46	48	
1684	13	5	16	6	0	42	1	32	45	59		1824	13	5	33				1	33	48	22	24
1688	13	5	19				1	32	47	51		1828	13	5	30				1	33	50	2	
1692	13	5	22				1	32	49	44		1832	13	5	28		3		1	33	51	43	
1696	13	5	25		2		1	32	51	36		1836	13	5	26	17	58	15	1	33	53	23	
1700	13	5	28	12	1	24	1	32	53	29		1840	13	5	23		1		1	33	55	3	
1704	13	5	31				1	32	55	22		1844	13	5	21	5	58	59	1	33	56	39	
1708	13	5	34				1	32	57	15		1848	13	5	17				1	33	58	15	
1712	13	5	37		3		1	32	59	8	27	1852	13	5	13				1	33	59	51	
1716	13	5	40	18	2	6	1	33	1	1		1856	13	5	9		2		1	34	1	27	
1720	13	5	43				1	33	2	54		1860	13	5	5	11	57	58	1	34	3	3	
1724	13	5	44		1		1	33	4	43		1764	13	5	0				1	34	4	39	23
1728	13	5	45	6	0	26	1	33	6	31		1868	13	4	56		3		1	34	6	15	
1732	13	5	46				1	33	8	20		1872	13	4	52	17	56	57	1	34	7	51	
1736	13	5	47		2		1	33	10	8		1876	13	4	48				1	34	9	27	
1740	13	5	48	12	0	32	1	33	11	59		1880	13	4	44				1	34	11	2	
1744	13	5	49				1	33	13	45		1884	13	4	40		1		1	34	12	34	
1748	13	5	50		3		1	33	15	34		1888	13	4	34	5	58	34	1	34	14	5	
1752	13	5	51	18	0	48	1	33	17	22	26	1892	13	4	28				1	34	15	37	
1756	13	5	52				1	33	19	11		1896	13	4	23		2		1	34	17	8	
1760	13	5	53		1		1	33	20	59		1900	13	4	17	11	57	8	1	34	18	40	22
1764	13	5	53	5	59	51	1	33	22	43		1904	13	4	11				1	34	20	12	
1768	13	5	53				1	33	24	27		1908	13	4	5				1	34	21	44	
1772	13	5	53		2		1	33	26	11		1912	13	3	59		3		1	34	23	15	
1776	13	5	53	11	59	42	1	33	27	56		1916	13	3	54	17	55	42	1	34	24	47	
1780	13	5	52				1	33	29	40	25	1920	13	3	48				1	34	26	19	
1784	13	5	51		3		1	33	31	25		1924	13	3	42		1		1	34	27	48	
1788	13	5	50	17	59	33	1	33	33	9		1928	13	3	35	5	58	8	1	34	29	14	
1792	13	5	49				1	33	34	53		1932	13	3	27				1	34	30	42	
1796	13	5	48				1	33	36	37		1936	13	3	20		2		1	34	32	10	21
1800	13	5	45		1		1	33	38	22		1940	13	3	12	11	56	16	1	34	33	38	
1804	13	5	44	5	59	25	1	33	40	2		1944	13	3	5				1	34	35	5	
1808	13	5	42				1	33	41	42		1948	13	2	58				1	34	36	33	
1812	13	5	39		2		1	33	43	22		1952	13	2	50		3		1	34	38	0	
1816	13	5	37	11	58	50	1	33	45	2		1956	13	2	43	17	54	24	1	34	39	36	

ℭ Tabula Solis in Auge

Nũe ri an nor	Junij D	h.	m̃	Equatio h.	m̃	2	Loc⁹ augis et ☉ S	g̃	m̃	2	mio ian 2
1960	13	2	35		1		1	34	40	55	21
1964	13	2	28	5	57	43	1	34	42	18	
1968	13	2	19				1	34	43	41	
1972	13	2	10				1	34	45	4	
1976	13	2	1		2		1	34	46	28	
1980	13	1	52	11	55	26	1	34	47	51	20
1984	13	1	43				1	34	49	14	
1988	13	1	33				1	34	50	37	
1992	13	1	24				1	34	52	1	
1996	13	1	15		3		1	34	53	24	
2000	13	1	6	17	53	9	1	34	54	48	20

Adde Augi ☉ ad habendum
Auges aliorum planetarum.

	S	g̃	m̃	2
Pro ♄	2	41	58	19
Pro ♃	1	22	11	37
Pro ♂	0	43	46	50
Pro ♀	0	0	0	0
Pro ☿	1	59	14	11

Menses nõ bisextiles	Dies	Menses bisextiles	Dies
Juni.	30	Juni.	30
Juli.	61	Juli.	61
Augu.	92	Aug.	92
Septẽ.	122	Septẽ.	122
Octo.	153	Octo.	153
Nouẽ.	183	Nouẽ.	183
Decẽ.	214	Decẽ.	214
Janua.	245	Janua.	245
Febru.	273	Febru.	274
Mar.	304	Mar.	305
April.	334	April.	335
Mai.	365	Mai.	366

¶ Tabula veri motus Solis ab auge

Dies	Verus motus				ad horas		Dies	Verus motus				ad horas		Dies	Verus motus					
	S	g	m	2	m	2		S	g	m	2	m	2		S	g	m	2	m	2
0	0	0	0	0	2	23	34	0	32	21	19	2	23	68	1	5	3	23	2	26
1	0	0	57	1			35	0	33	18	37			69	1	6	1	43		
2	0	1	54	2			36	0	34	15	58			70	1	7	0	31		
3	0	2	51	3			67	0	35	13	22			71	1	7	58	23		
4	0	3	48	5			38	0	36	10	49			72	1	8	56	45		
5	0	4	45	7			39	0	37	8	15			73	1	9	55	8		
6	0	5	42	8			40	0	38	5	42			74	1	10	53	37		
7	0	6	39	9			41	0	39	3	11	2	24	75	1	11	52	7		
8	0	7	36	11			42	0	40	0	40			76	1	12	50	37		
9	0	8	33	13			43	0	40	58	10			77	1	13	49	9		
10	0	9	30	14			44	0	41	55	39			78	1	14	47	42		
11	0	10	27	16			45	0	42	53	11			79	1	15	46	14	2	27
12	0	11	24	17	2	23	46	0	43	50	41			80	1	16	44	53		
13	0	12	21	18			47	0	44	48	13			81	1	17	43	35		
14	0	13	18	20			48	0	45	45	46			82	1	18	42	16		
15	0	14	15	24			49	0	46	43	22			83	1	19	40	59		
16	0	15	12	27			50	0	47	41	1			84	1	20	39	43		
17	0	16	9	31			51	0	48	38	40			85	1	21	38	26		
18	0	17	6	34			52	0	49	36	21	2	24	86	1	22	37	15		
19	0	18	3	36			53	0	50	34	2			87	1	23	36	8		
20	0	19	0	38			54	0	51	31	45			88	1	24	35	0		
21	0	19	57	44			55	0	52	29	27			89	1	25	33	53		
22	0	20	54	48			56	0	53	27	16			90	1	26	32	48		
23	0	21	51	54			57	0	54	25	7			91	1	27	31	45	2	28
24	0	22	49	0	2	23	58	0	55	22	57			92	1	28	30	48		
25	0	23	46	8			59	0	56	20	49			93	1	29	29	55		
26	0	24	43	20			60	0	57	18	41			94	1	30	29	3		
27	0	25	40	30			61	0	58	16	36			95	1	31	28	11		
28	0	26	37	41			62	0	59	14	38	2	25	96	1	32	27	21		
29	0	27	34	53			63	1	0	12	43			97	1	33	26	35		
30	0	28	31	1			64	1	1	10	48			98	1	34	25	54		
31	0	29	29	22			62	1	2	8	53			99	1	35	25	18	2	29
32	0	30	26	41			66	1	3	6	58			100	1	36	24	43		
33	0	31	24	0	2	23	67	1	4	5	5	2	26	101	1	37	24	8	2	29

Tabula veri motus Solis ab auge

Dies	Verus motus S	g	m	2	ad horas m	2	Dies	Verus motus S	g	m	2	ad horas m	2	Dies	Verus motus S	g	m	2	m	2
102	1	38	23	36			136	2	12	27	5			170	2	47	4	18		
103	1	39	23	3			137	2	13	27	44			171	2	48	5	41		
104	1	40	[illegible]2	33			138	2	14	28	25			172	2	49	7	6	2	34
105	1	41	22	7			139	2	15	29	6			173	2	50	8	31		
106	1	42	21	43			140	2	16	29	49			174	2	51	9	57		
107	1	43	21	19			141	2	17	30	41			175	2	52	11	24		
108	1	44	20	55			142	2	18	31	36			176	2	53	12	51		
109	1	45	20	33			143	2	19	32	30			177	2	54	14	19		
110	1	46	20	13			144	2	20	33	24			178	2	55	15	48		
111	1	47	19	58			145	2	21	34	19			179	2	56	17	17		
112	1	48	19	42	2	30	146	2	22	35	14			180	2	57	18	47		
113	1	49	19	33			147	2	23	36	11			181	2	58	20	17		
114	2	50	19	32			148	2	24	37	10			182	2	59	21	48		
115	1	51	19	32			149	2	25	38	9			183	3	0	23	19		
116	1	52	19	32			150	2	26	39	18			184	3	1	24	49	2	34
117	1	53	19	39			151	2	27	40	27	2	33	185	3	2	26	20		
118	1	54	19	45			152	2	28	41	36			186	3	3	27	48		
119	1	55	19	51			153	2	29	42	49			187	3	4	29	19		
120	1	56	20	0			154	2	30	44	2			188	3	5	30	47		
121	1	57	20	8			155	2	31	45	15			189	3	6	32	15		
122	1	58	20	15			156	2	32	46	29			190	3	7	33	41		
123	1	59	20	35	2	31	157	2	33	47	43			191	3	8	35	8		
124	2	0	20	53			158	2	34	48	57			192	3	9	36	35		
125	2	1	21	11			159	2	35	50	11			193	3	10	38	2		
126	2	2	21	32			160	2	36	51	26			194	3	11	39	28	2	33
127	2	3	21	52			161	2	37	52	40			195	3	12	40	50		
128	2	4	22	14			162	2	38	53	54			196	3	13	42	13		
129	2	5	22	47			163	2	39	55	9			197	3	14	43	36		
130	2	6	23	21			164	2	40	56	24			198	3	15	44	57		
131	2	7	23	55			165	2	41	57	40			199	3	16	46	13		
132	2	8	24	31			166	2	42	58	57			200	3	17	47	29		
133	2	9	25	8			167	2	44	0	14			201	3	18	48	45		
134	2	10	25	47	2	32	168	2	45	1	32			202	3	19	50	0		
135	2	11	26	25			169	2	46	2	55			203	3	20	51	16		

Tabula veri motus Solis ab auge

Di/es	Verus motus S	g	m	2	ad horas m	2	Di/es	Verus motus S	g	m	2	ad horas m	2	Di/es	Verus motus S	g	m	2	m	2
204	3	21	52	30			238	3	56	23	32			272	4	30	15	45		
205	3	22	53	44			239	3	57	23	52			273	4	31	14	53		
206	3	23	54	58			240	3	58	24	10			274	4	32	13	59	2	27
207	3	24	56	12			241	3	59	24	29			275	4	33	12	56		
208	3	25	57	27			242	4	0	24	48			246	4	34	11	50		
209	3	26	58	41			243	4	1	25	6			277	4	35	10	44		
210	3	27	59	54			244	4	2	25	19			278	4	36	9	36		
211	3	29	1	8			245	4	3	25	26	2	30	279	4	37	8	28		
212	3	30	2	22			246	4	4	25	33			280	4	38	7	19		
213	3	31	3	35			247	4	5	25	41			281	4	39	6	4		
214	3	32	4	46			248	4	6	25	47			282	4	40	4	48		
215	3	33	5	55			249	4	7	25	52			283	4	41	3	31		
216	3	34	7	3			250	4	8	25	55			284	4	42	2	12		
217	3	35	8	3	2	32	251	4	9	25	56			285	4	43	0	53		
218	3	36	9	2			352	4	10	25	54			286	4	43	59	33		
219	3	37	10	0			253	4	11	25	50	2	29	287	4	44	58	8	2	26
220	3	38	10	56			254	4	12	25	34			288	4	45	56	40		
221	3	39	11	52			255	4	13	25	17			289	4	46	55	12		
222	3	40	12	45			256	4	14	25	0			290	4	47	53	42		
223	3	41	13	39			257	4	15	24	37			291	4	48	52	12		
224	3	42	14	34			258	4	16	24	14			292	4	49	50	45		
225	3	43	15	28			259	4	17	23	50			293	4	50	49	5		
226	3	44	16	12			260	4	18	23	26			294	4	51	47	27		
227	3	45	16	54			261	4	19	23	1			295	4	52	45	49		
228	3	46	17	34			262	4	20	22	33			296	4	53	44	10		
229	3	47	18	14			263	4	21	21	59			287	4	54	42	28		
230	3	48	18	54			264	4	22	21	26			298	4	55	40	46	2	25
231	3	49	19	33			265	4	23	20	52			299	4	56	38	57		
232	3	50	20	12			266	4	24	20	18	2	28	300	4	57	37	2		
233	3	51	20	48			267	4	25	19	41			301	4	58	35	8		
234	3	52	21	24			268	4	26	19	4			302	4	59	33	12		
235	3	53	22	0	2	31	269	4	27	18	17			303	5	0	31	16		
236	3	54	22	34			270	4	28	17	28			304	5	1	29	20		
237	3	55	23	7			271	4	29	16	37			305	5	2	27	17		

Tabula veri motus Solis ab auge

Dies	Verus motus S	g	m	2	ad horas m	2	Dies	Verus motus S	g	m	2	ad horas m	2
306	5	3	25	13	2	25	336	5	32	11	14	2	23
307	5	4	23	2			337	5	33	8	26		
308	5	5	20	52			338	5	34	5	38		
309	5	6	18	42			339	5	35	2	50		
310	5	7	16	31	2	24	340	5	36	0	1		
311	5	8	14	18			341	5	36	57	12		
312	5	9	11	59			342	5	37	54	17		
313	5	10	9	40			343	5	38	51	21		
314	5	11	7	20			344	5	39	48	26		
315	5	12	5	0			345	5	40	45	30		
316	5	13	2	39			346	5	41	42	34		
317	5	14	0	16			347	5	42	39	38		
318	5	14	57	49			348	5	43	36	41	2	23
319	5	15	55	22			349	5	44	33	44		
320	5	16	52	55			350	5	45	30	46		
321	5	17	50	24			351	5	46	27	48		
322	5	18	47	53			352	5	47	24	50		
323	5	19	45	22			353	5	48	21	52		
324	4	20	42	52			354	5	49	18	55		
325	5	21	40	20			355	5	50	15	57		
326	5	22	37	49			356	5	51	12	58		
327	5	23	35	16			357	5	52	10	0		
328	5	24	32	41			358	5	53	7	1		
329	5	25	30	7	2	23	359	5	54	4	2		
330	5	26	27	29			360	5	55	1	3		
331	5	27	24	48			361	5	55	58	5		
332	5	28	22	7			362	5	56	55	7		
333	5	29	19	26			363	5	57	52	9		
334	5	30	16	45			364	5	58	49	10		
335	5	31	14	2	2	23	365	5	59	46	11	2	23

Tabula radicum lune in annis collectis.

Anni collecti	D.	h.	m̃.	Cētrū g̃	Cētrū m̃	Loc° ☾ S	Loc° ☾ g̃	Loc° ☾ m̃	Arg. latis S	Arg. latis g̃	Arg. latis m̃
40	6	2	0	25	20	3	6	58	4	0	19
80	12	4	1	50	41	0	13	56	2	0	37
120	18	6	1	76	1	3	20	54	0	0	56
160	24	8	1	101	21	0	27	52	4	1	14
200	2	20	43	78	31	3	37	54	2	6	5
240	8	22	43	103	51	0	44	52	0	6	23
280	15	0	43	129	12	3	51	50	4	6	42
320	21	2	44	154	32	0	58	48	2	7	0
360	7	4	44	179	53	4	5	46	0	7	18
400	5	17	26	157	2	1	15	49	4	12	8
440	11	19	26	182	23	4	22	47	2	12	26
480	17	21	28	207	43	1	29	45	0	12	45
520	23	23	27	233	3	4	36	43	4	13	3
560	2	12	8	210	13	1	46	45	2	17	53
600	8	14	9	235	33	4	53	43	0	18	11
640	14	16	9	160	54	2	0	41	4	18	30
680	20	18	9	280	14	5	7	39	2	18	48
720	26	20	10	311	34	2	14	37	0	19	7
760	5	8	51	288	44	5	24	39	4	19	26
800	11	10	52	314	4	2	31	37	2	24	16
840	17	12	52	339	25	5	38	35	0	24	34
880	23	14	52		4	45	2	45	34	4	24	52
920	2	3	34	341	55	5	55	36	2	29	42
960	8	5	34	7	15	3	2	34	0	30	0
1000	14	7	35	32	36	0	9	32	4	30	19
1040	20	9	35	57	56	3	16	30	2	30	37
1080	26	11	35	82	16	0	23	28	0	30	56
1120	5	0	17	60	26	3	33	30	4	35	46
1160	11	2	17	85	46	0	40	28	2	36	5
1200	17	4	17	111	7	3	47	26	0	36	23
1240	23	6	18	136	27	0	54	24	4	36	42
1280	1	18	59	113	37	4	4	27	2	41	32

Tabula radicum lune in annis collectis.

Anni				Cētrū		Loc° ☾			Arg. lati.		
collecti	D.	h.	m̄.	g̈	m̄	S	g̈	m̄	S	g̈	m̄
1320	7	21	0	138	57	1	11	25	0	41	51
1360	13	23	0	164	17	4	18	23	4	42	9
1400	20	1	0	189	38	1	25	21	2	42	28
1440	26	3	1	214	58	4	32	19	0	42	46
1480	4	15	42	192	8	1	42	21	4	47	37
1520	10	17	43	117	28	4	49	19	2	47	55
1560	16	19	43	242	49	1	56	17	0	64	13
1600	22	21	43	268	9	5	3	15	4	48	31
1640	1	10	25	249	19	2	13	17	2	53	21
1680	7	12	25	270	39	5	20	15	0	53	40
1720	13	14	25	295	59	2	37	13	4	53	58
1760	19	16	26	321	20	5	34	11	2	54	17
1800	25	18	26	346	40	2	41	9	0	54	35
1840	4	7	8	323	50	5	51	12	4	59	25
1880	10	9	8	349	10	2	58	10	2	59	43
1920	16	11	8	14	30	0	5	8	1	0	2
1960	22	13	9	39	50	3	12	6	5	0	20
2000	1	1	50	17	0	0	22	8	3	5	10
2040	7	3	50	42	20	3	29	6	1	5	29
2080	13	5	50	67	40	0	36	4	5	5	47
2120	19	7	51	93	1	3	43	2	1	6	6
2160	25	9	51	118	21	0	50	0	3	6	24
2200	3	22	32	45	31	0	0	2	5	11	15
2240	10	0	33	120	51	1	7	0	3	11	33
2280	16	2	33	146	12	4	13	58	1	11	52
2320	22	4	33	171	33	1	20	56	5	12	19
2360	0	17	55	148	42	4	30	58	3	17	1
2400	6	19	15	174	3	1	37	56	1	17	18

Tabula radicum lune in annis expansis.

Anni expãsi	D.	h.	m.	Cētr ğ	m	Loc ☾ S	ğ	m	Arg. lati. S	ğ	m
1	6	18	59	93	41	0	39	54	0	58	52
2	13	13	57	187	21	1	19	49	1	57	45
3	20	8	56	281	2	1	59	43	2	56	37
4	0	14	36	326	32	2	42	42	4	0	1
5	7	9	35	60	13	3	22	36	4	58	52
6	14	4	33	153	53	4	2	31	5	57	47
7	20	23	32	247	34	4	42	25	0	56	40
8	1	5	12	293	4	5	25	24	2	0	3
9	8	0	11	26	45	0	5	18	2	58	54
10	14	19	9	120	25	0	45	13	3	57	47
11	21	14	8	154	6	1	25	7	4	56	39
12	1	19	49	259	36	2	8	5	0		05
13	8	14	47	353	17	2	48	0	0	58	56
14	15	9	45	86	57	3	27	54	1	57	48
15	22	4	44	180	38	4	7	49	2	56	40
16	2	10	24	226	8	4	50	47	4	0	4
17	9	5	23	319	49	5	30	42	4	59	1
18	16	0	21	53	30	0	20	36	5	57	52
19	22	19	20	147	10	0	50	30	0	56	43
20	3	1	0	192	40	1	33	29	2	0	9
21	9	19	59	286	21	2	13	24	2	59	2
22	16	14	57	20	2	2	53	18	3	57	54
23	23	9	56	113	42	3	33	12	4	56	46
24	3	15	36	159	12	4	16	11	0	0	11
25	10	10	35	252	52	4	56	6	0	59	4
26	17	5	33	346	34	5	36	0	1	57	56
27	24	0	32	80	14	0	15	54	2	56	48
28	4	6	12	125	44	0	58	53	4	0	13
29	11	1	11	219	25	1	38	47	4	59	6
30	17	20	9	313	6	2	18	42	5	57	58
31	24	15	8	46	46	2	58	36	0	56	50
32	4	20	47	92	16	3	41	35	2	0	15

4

ℭ Tabula radicum lune in annis expansis.

Anni expāsi	D.	h.	m̄.	Cētrū g̃	m̄	Loc° ☾ S	g̃	m̄	Arg. lati. S	g̃	m̄
33	11	15	47	185	57	4	21	29	2	59	8
34	18	10	46	279	38	5	1	24	3	58	0
35	25	5	44	13	18	5	41	18	4	56	52
36	5	11	24	58	48	0	24	7	0	0	17
37	12	6	23	152	29	1	44	11	0	59	10
38	19	1	22	246	10	1	44	6	1	58	2
39	25	20	20	339	50	2	24	0	2	56	55
40	6	2	0	25	20	3	6	58	4	0	19

ℭ Tabula breuis.

Dies	Minue h.	m̄.	2.	cētri adde g̃.	m̄.	2.	Locus ☾ S	g̃	m̄	2.	Argu. latit. S	g̃	m̄	2
27	13	18	36	311	49	19	0	3	4	12	0	4	31	45
55	2	37	12	263	39		0	6	8		0	9	3	
82	15	55	48	215	28		0	9	13		0	13	35	
110	5	14	24	167	17		0	12	17		0	18	7	

ℭ Tabula radicum.

xpi	D.	h.	m̄.	Cētrū g̃	m̄	Loc° ☾ S	g̃	m̄	Arg. lati. S	g̃	m̄
	15	4	10	37	29	4	42	5	0	13	12
1400	7	15	51	178	57	0	10	30	3	0	11
1440	13	17	51	204	17	3	17	28	1	0	30

ℂ Tabula mensium non bisextilium.

Mēses	D.	h.	m̄.	Cētrū g̃	m̄	Loc⁹ ☾ S	g̃	m̄	Argu.lat. S	g̃	m̄
Janua.	3	10	41	311	49	0	3	4	0	4	32
Febru.	3	21	23	263	39	0	6	8	0	9	2
Mar.	7	8	4	215	28	0	9	13	0	13	35
April.	9	18	46	167	17	0	12	17	0	18	7
Mai.	13	5	27	119	6	0	15	21	0	22	39
Juni.	15	16	9	70	56	0	18	25	0	27	10
Juli.	19	2	50	22	45	0	21	29	0	31	42
Augu.	22	13	31	334	34	0	24	33	0	36	14
Septē.	25	0	13	286	24	0	27	38	0	40	46
Octob.	0	21	36	190	2	0	33	46	0	49	49
Nouē.	3	8	17	141	51	0	36	50	0	54	21
Decē.	6	18	59	93	41	0	39	54	0	58	53

ℂ Tabula mensium bisextilium.

Menses	D.	h.	m̄.	Cētrū g̃	m̄	Loc⁹ ☾ S	g̃	m̄	Arg.lati. S	g̃	m̄
Janua.	3	10	41	311	49	0	3	4	0	4	32
Febru.	4	23	23	263	39	0	6	8	0	9	2
Mar.	8	8	4	215	28	0	9	13	0	13	35
April.	10	18	46	167	17	0	12	17	0	18	7
Mai.	14	5	27	119	6	0	15	21	0	22	39
Juni.	16	16	9	70	56	0	18	25	0	27	10
Juli.	20	2	50	22	45	0	21	29	0	31	42
Augus.	23	13	31	334	34	0	24	33	0	36	14
Septē.	26	0	13	286	24	0	27	38	0	40	46
Octob.	1	21	36	190	2	0	33	46	0	49	49
Nouē.	4	8	17	141	51	0	36	50	0	54	21
Decē.	7	18	59	93	41	0	39	54	0	58	53

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Dies	Locus			Eq̄tio ad ho.				Arg. lat.		
	S	g̈	m̄	m̄	2	m̄	2	S	g̈	m̄
	minue									
0	0	0	0	0	42	29	40	0	0	0
1	0	11	52	0	54	29	30	0	11	55
2	0	23	40	1	6	29	30	0	23	46
3	0	35	28	1	24	29	32	0	35	38
4	0	47	17	1	18	30	15	0	47	30
5	0	59	23	0	48	31	7	0	59	39
6	1	11	50	0	18	32	17	1	12	9
7	1	24	43	0	6	32	57	1	25	5
	adde									
8	1	37	56	0	15	33	45	1	38	21
9	1	51	26	1	18	35	10	1	51	55
10	2	5	30	1	24	36	18	2	6	2
11	2	20	1	1	24	36	57	2	20	36
12	2	34	48	1	0	37	12	2	35	26
13	2	49	41	1	6	37	0	2	50	22
14	3	4	29	0	48	36	48	3	5	13
15	3	19	12	0	54	36	32	3	20	0
16	3	33	49	1	6	36	22	3	34	40
17	3	48	22	1	18	35	57	3	49	16
18	4	2	45	1	30	34	57	4	3	42
19	4	16	44	1	48	34	2	4	17	44
20	4	30	21	1	24	33	10	4	31	25
21	4	43	37	1	12	32	42	4	44	44
22	4	56	42	1	6	31	58	4	57	52
23	5	9	29	0	30	31	2	5	10	42
	minue									
24	5	21	54	0	36	29	52	5	23	10
25	5	33	51	1	6	29	10	5	35	10
26	5	45	31	1	6	29	7	5	46	54
27	5	57	10	1	0	29	17	5	58	36

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10

Dies	Locus			Eq̄tio ad ho.				Arg. lati.		
	S	g̈	m̄	m̄	2	m̄	2	S	g̈	m̄
	minue									
0	5	59	53	0	42	27	35	5	59	53
1	0	11	43	0	48	29	25	0	11	46
2	0	23	29	1	6	29	22	0	23	35
3	0	35	14	1	18	29	35	0	35	24
4	0	47	4	1	6	30	28	0	47	17
5	0	59	15	0	42	31	20	0	59	31
6	1	11	47	0	20	32	18	1	12	6
	adde									
7	1	24	42	0	42	33	13	1	25	4
8	1	37	59	0	48	34	10	1	38	24
9	1	51	39	0	54	35	13	1	52	8
10	2	5	44	1	24	36	18	2	6	16
11	2	20	15	1	24	37	0	2	20	50
12	2	35	3	1	6	37	2	2	35	41
13	2	49	52	0	54	36	53	2	50	33
14	3	4	37	0	54	36	50	3	5	21
15	3	19	21	0	54	36	37	3	20	9
16	3	34	0	1	24	36	27	3	34	51
17	3	48	35	1	42	36	2	3	49	29
19	4	3	0	1	30	35	55	4	3	57
18	4	17	2	1	6	33	23	4	18	2
20	4	30	35	1	18	33	5	4	31	39
21	4	43	49	0	54	32	40	4	44	56
22	4	56	53	0	18	31	42	4	58	6
	minue									
23	5	9	34	0	6	30	35	5	10	47
24	5	21	48	0	48	29	40	5	23	4
25	5	23	40	1	18	29	10	5	34	59
26	5	45	20	1	12	29	10	5	46	43
27	5	27	0	0	48	29	29	5	58	26

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Dies	Locus S	g	m	Eqtio m	2	ad ho. m	2	Arg. lati. S	g	m
				minue						
0	5	59	46	0	48	29	32	5	59	46
1	0	11	35	1	0	29	17	0	11	38
2	0	23	18	1	18	29	17	0	23	24
3	0	35	1	1	6	29	40	0	35	11
4	0	46	53	0	54	30	37	0	47	6
5	0	59	8	0	18	31	37	0	59	24
				adde						
6	1	11	47	0	30	32	32	1	12	6
7	1	24	49	1	6	33	15	1	25	11
8	1	38	7	1	18	34	13	1	38	32
9	1	51	48	1	36	35	25	1	52	17
10	2	5	58	1	48	36	18	2	6	30
11	2	20	29	1	36	36	53	2	21	4
12	2	35	14	1	12	36	57	2	35	52
13	2	50	1	0	48	36	52	2	50	42
14	3	4	46	0	48	36	50	3	5	30
15	3	19	30	1	0	36	50	3	20	18
16	3	34	14	1	6	36	35	3	35	5
17	3	48	52	1	18	35	57	3	49	46
18	4	3	15	1	24	34	55	4	4	12
19	4	17	13	1	0	33	57	4	18	13
20	4	30	48	0	48	32	55	4	31	52
21	4	43	58	0	54	32	25	4	45	5
22	4	56	56	0	6	31	32	4	58	6
				minue						
23	5	9	33	1	0	30	17	5	10	46
24	5	21	40	1	24	29	27	5	22	56
25	5	33	27	1	6	29	12	5	34	46
26	5	45	8	1	6	29	20	5	46	31
27	5	56	52	0	54	29	26	5	58	18

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Dies	Locus S	g	m	Eqtic m	2	ad ho m	2	Arg. lati. S	g	m
				minue						
0	5	59	38	0	42	29	27	5	59	38
1	0	11	25	1	0	29	10	0	11	28
2	0	23	5	1	12	29	12	0	23	11
3	0	34	50	1	18	29	45	0	35	0
4	0	46	44	0	42	30	53	0	46	57
				adde						
5	0	59	5	0	24	31	58	0	59	21
6	1	11	52	0	54	32	50	1	12	11
7	1	25	0	1	0	33	20	1	25	22
8	1	38	20	1	6	34	20	1	38	45
9	1	52	4	1	30	35	30	1	52	33
10	2	6	16	1	18	36	13	2	6	48
11	2	20	45	1	24	36	43	2	21	20
12	2	35	26	1	6	36	48	2	36	4
13	2	50	9	1	0	36	53	2	50	50
14	3	4	54	0	54	36	55	3	5	38
15	3	19	40	1	6	36	52	3	20	28
16	3	34	25	1	36	36	40	3	35	16
17	3	49	5	1	30	36	0	3	49	59
18	4	3	29	1	36	34	45	4	4	26
19	4	17	23	1	18	33	52	4	18	23
20	4	30	56	0	42	32	58	4	32	0
21	4	44	7	0	18	32	5	4	45	14
				minue						
22	4	56	57	0	6	31	5	4	58	7
23	5	9	23	0	54	30	7	5	10	36
24	5	21	26	1	6	29	35	5	22	42
25	5	33	16	1	18	29	12	5	34	35
26	5	44	57	1	0	29	25	5	46	20
27	5	56	43	0	42	29	36	5	58	9

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Di	Locus			Eq̃tio		ad ho.		Arg.lati.		
es	S	g̃	m̃	m̃	2	m̃	2	S	g̃	m̃
			minue							
0	5	59	31	0	42	29	20	5	59	31
1	0	11	15	1	6	29	5	0	11	18
2	0	22	53	1	6	29	20	0	22	59
3	0	34	37	0	48	30	0	0	34	47
				Adde						
4	0	46	37	0	42	31	20	0	46	50
5	0	59	9	0	42	32	1	0	59	25
6	1	12	1	1	42	32	53	1	12	20
7	1	25	10	1	6	33	24	1	25	32
8	1	38	31	1	24	34	30	1	38	56
9	1	52	19	1	18	35	25	1	52	48
10	2	6	29	1	36	36	15	2	7	1
11	2	20	59	1	12	36	35	2	21	34
12	2	35	37	1	0	36	45	2	36	15
13	2	50	19	0	48	36	50	2	51	0
14	3	5	3	0	48	37	0	3	5	47
15	3	19	57	1	12	37	5	3	20	39
16	3	34	41	1	36	36	37	3	35	32
17	3	49	20	1	36	36	2	3	50	14
18	4	3	45	0	54	34	37	4	4	42
19	4	19	36	0	42	33	37	4	18	36
20	4	31	3	0	18	33	7	4	32	7
			minue							
21	4	44	10	0	12	31	55	4	45	17
22	4	56	56	0	54	30	45	4	58	6
23	5	9	14	1	34	30	2	5	10	27
24	5	21	15	1	24	29	30	5	22	31
25	5	33	3	1	18	29	20	5	34	22
26	5	44	47	0	54	29	32	5	46	10
27	5	56	36	0	48	29	40	5	58	2

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Di	Locus			Eq̃tio		ad ho		Arg.lati.		
es	S	g̃	m̃	m̃	2	m̃	2	S	g̃	m̃
			minue							
0	5	59	24	0	48	29	10	5	59	24
1	0	11	4	0	54	29	5	0	11	7
2	0	22	42	0	54	29	27	0	22	48
3	0	34	29	0	24	30	15	0	34	39
				Adde						
4	0	46	35	0	36	31	43	0	46	48
5	0	59	16	1	0	32	28	0	59	33
6	1	12	15	1	18	32	45	1	12	34
7	1	25	21	1	42	33	30	1	25	43
8	1	38	45	1	36	34	28	1	39	10
9	1	52	32	1	29	35	33	1	53	1
10	2	6	45	1	18	36	5	2	7	17
11	2	21	11	1	12	36	30	2	21	46
12	2	35	47	0	48	36	40	2	36	25
13	2	50	27	0	48	36	50	2	51	8
14	3	5	11	1	0	37	10	3	5	55
15	3	20	3	1	18	37	15	3	20	51
16	3	34	57	1	12	36	37	3	35	48
17	3	49	36	1	18	35	45	3	50	30
18	4	3	54	1	24	34	32	4	4	51
19	4	17	43	0	18	33	27	4	18	43
				minue						
20	4	31	6	0	24	33	0	4	32	10
21	4	44	8	0	30	31	38	4	45	15
22	4	57	47	0	54	30	32	4	57	57
23	5	9	0	1	12	30	2	5	10	13
24	5	21	1	1	18	29	32	5	22	17
25	5	32	50	1	0	29	30	5	34	9
26	5	44	38	0	48	29	35	5	46	1
27	5	56	28	0	48	29	44	5	57	54

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	Locus			Æquatio ad ho.				Arg. lat.		
Di	S	g	m	m	2	m	2	S	g	m
es				minue						
0	5	59	16	1	0	29	7	5	59	16
1	0	10	55	1	0	29	5	0	10	58
2	0	22	33	0	54	29	40	0	22	39
3	0	34	23	0	12	30	40	0	34	35
				adde						
4	0	46	41	0	48	31	52	0	46	54
5	0	59	26	1	36	32	35	0	59	42
6	1	12	38	1	0	32	55	1	12	47
7	1	25	38	1	6	33	27	1	26	0
8	1	39	1	1	12	34	22	1	39	26
9	1	52	46	1	36	35	30	1	53	15
10	2	6	58	1	24	36	3	2	7	30
11	2	21	23	0	48	36	20	2	21	58
12	2	35	55	0	42	36	40	2	36	33
13	2	50	35	0	42	36	55	2	51	16
14	3	5	21	1	6	37	18	3	6	5
15	3	20	16	1	24	37	13	3	21	4
16	3	35	9	1	36	36	40	3	36	0
17	3	49	49	1	24	35	47	3	50	43
18	4	4	8	0	18	34	5	4	5	5
19	4	17	46	0	12	33	10	4	18	46
				minue						
20	4	31	2	0	24	32	32	4	32	6
21	4	44	3	1	6	31	28	4	45	10
22	4	56	38	1	24	30	50	4	57	48
23	5	8	48	1	24	30	0	5	10	1
24	5	20	48	1	12	29	40	5	22	4
25	5	32	40	1	18	29	35	5	23	54
26	5	44	30	0	48	29	35	5	35	53
27	5	56	20	0	36	29	37	5	57	46

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	Locus			Æquatio ad ho				Arg lat.		
Di	S	g	m	m	2	m	2	S	g	m
es				minue						
0	5	59	6	0	42	29	7	5	59	6
1	0	10	45	0	54	29	7	0	10	48
2	0	22	24	0	24	29	57	0	22	30
				adde						
3	0	34	23	0	24	31	5	0	34	33
4	0	46	49	1	30	32	13	0	47	2
5	0	59	42	1	42	32	20	0	59	58
6	1	12	38	1	42	32	57	1	12	57
7	1	25	49	1	30	33	30	1	26	11
8	1	39	13	1	18	34	32	1	39	38
9	1	53	2	1	6	35	25	1	53	31
10	2	7	12	1	6	35	48	2	7	44
11	2	21	31	1	0	36	17	2	22	6
12	2	36	2	0	42	36	40	2	36	40
13	2	50	42	0	48	37	5	2	51	23
14	3	5	32	1	6	37	25	3	6	16
15	3	20	30	1	12	37	17	3	21	18
16	3	35	25	1	12	36	35	3	36	16
17	3	50	3	0	24	35	20	3	50	57
				minue						
18	4	4	11	0	12	34	2	4	5	8
19	4	17	48	0	48	32	55	4	18	48
20	4	30	58	0	48	32	15	4	32	2
13	4	43	52	1	18	31	20	4	44	50
22	4	56	24	1	18	30	25	4	57	34
23	5	8	34	1	18	30	5	5	9	49
24	5	20	36	1	30	29	37	5	21	52
25	5	32	27	0	48	29	47	5	33	46
26	5	44	22	0	48	29	40	5	45	45
27	5	56	14	0	36	29	40	5	57	40

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80

Dies	Locus S	g	m	Eqtio m	2	ad ho. m	2	Arg. lat. S	g	m
es				minue						
0	5	58	59	0	48	29	2	5	58	59
1	0	10	36	0	36	29	20	0	10	39
2	0	22	20	0	12	30	18	0	22	26
				adde						
3	0	34	27	1	12	31	32	0	34	27
4	0	47	4	2	0	32	17	0	47	17
5	0	59	59	1	30	32	20	1	0	15
6	1	12	55	1	12	32	53	1	13	14
7	1	26	4	1	0	33	25	1	26	26
8	1	39	26	1	18	34	27	1	39	51
9	1	53	13	1	18	35	25	1	53	42
10	2	7	23	0	54	35	45	2	7	55
11	2	21	41	0	36	36	10	2	22	16
12	2	36	9	0	42	36	43	2	36	47
13	2	50	50	0	42	37	13	2	51	31
14	3	5	43	1	0	37	23	3	6	27
15	3	20	42	1	24	37	17	3	21	30
16	3	35	37	1	6	36	15	3	36	28
17	3	50	7	0	48	35	5	3	51	1
				minue						
18	4	4	9	0	30	33	58	4	5	6
19	4	17	40	1	6	32	55	4	18	40
20	4	30	50	1	12	32	2	4	31	54
21	4	43	39	1	18	31	20	4	44	46
22	4	56	11	1	36	30	25	4	57	21
23	5	8	21	1	24	30	0	5	9	34
24	5	20	21	1	0	29	55	5	21	37
25	5	32	19	0	42	29	47	5	33	38
26	5	44	14	0	42	29	45	5	45	37
27	5	56	8	0	42	29	42	5	57	34

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90

Dies	Locus S	g	m	Eqtio m	2	ad ho m	2	Arg lat. S	g	m
es				minue						
0	5	58	51	0	42	29	7	5	58	51
1	0	10	30	0	30	29	30	0	10	33
				adde						
2	0	22	18	1	36	30	53	0	22	24
3	0	34	34	1	24	31	53	0	34	49
4	0	47	24	1	30	32	5	0	47	37
5	1	0	14	1	30	32	13	1	0	30
6	1	13	7	1	18	32	48	1	13	26
7	1	26	14	1	6	33	33	1	26	36
8	1	39	39	1	6	34	28	1	40	44
9	1	53	26	1	0	35	15	1	53	55
10	2	7	32	0	42	35	38	2	8	4
11	2	21	47	0	42	36	12	2	22	22
12	2	36	16	0	30	36	43	2	36	54
13	2	50	57	0	54	37	20	2	51	38
14	3	5	53	1	6	37	37	3	6	37
15	3	20	56	1	12	37	10	3	21	44
16	3	35	48	0	42	36	7	3	36	39
				minue						
17	3	50	15	0	36	34	32	3	51	9
18	4	4	4	1	6	33	32	4	5	1
19	4	17	19	1	36	32	52	4	18	29
20	4	30	38	1	30	32	0	4	31	42
21	4	43	26	1	24	31	12	4	44	33
22	4	55	55	1	24	30	30	4	57	5
23	5	8	7	1	12	30	10	5	9	20
24	5	20	11	1	6	30	2	5	21	27
25	5	32	12	0	54	29	48	5	33	31
26	5	44	7	0	30	29	45	5	45	30
27	5	56	1	0	42	29	40	5	57	27

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100

Di	Locus			Eqtio		ad ho		Arg. lati.		
	S	g	m	m	2	m	2	S	g	m
es			minue							
0	5	58	44	0	30	29	13	5	58	44
			adde							
1	0	10	25	0	12	29	58	0	10	28
2	0	22	24	1	24	31	13	0	22	30
3	0	34	53	2	18	31	55	0	35	3
4	0	47	39	2	6	32	5	0	47	52
5	1	0	29	1	30	32	7	1	0	45
6	1	13	20	1	6	32	43	1	13	39
7	1	26	25	1	6	33	32	1	26	47
8	1	39	50	1	18	34	25	1	40	15
9	1	53	36	1	0	35	8	1	54	5
10	2	7	39	0	42	35	38	2	9	11
11	2	21	54	0	24	36	8	2	22	29
12	2	36	21	0	36	36	53	2	36	59
13	2	51	6	0	42	37	25	2	51	47
14	3	6	4	1	6	37	40	3	6	48
15	3	21	8	0	42	36	57	3	21	56
16	3	35	55	0	18	35	35	3	36	46
			minue							
17	3	50	9	0	48	34	20	3	51	3
18	4	3	53	0	42	32	20	4	4	50
19	4	17	13	1	12	32	55	4	18	13
20	4	30	23	1	12	32	2	4	31	27
21	4	43	12	1	18	31	23	4	44	19
22	4	55	41	1	12	30	35	4	56	51
23	5	7	55	1	12	30	12	5	9	8
24	5	20	0	0	42	30	7	5	21	16
25	5	32	3	0	36	29	58	5	33	22
26	5	44	2	0	42	29	40	5	45	25
27	5	55	54	0	42	29	38	5	57	20

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110

Di	Locus			Eqtio		ad ho.		Arg. lati.		
	S	g	m	m	2	m	2	S	g	m
es			minue							
0	5	58	39	0	18	29	30	5	58	39
adde										
1	0	10	27	0	24	30	28	0	10	30
2	0	22	38	1	36	31	35	0	22	44
3	0	35	16	2	0	31	50	0	35	26
4	0	48	0	1	30	31	50	0	48	13
5	1	0	44	1	6	31	37	1	1	0
6	1	13	31	1	0	32	42	1	13	50
7	1	26	36	1	6	33	38	1	26	58
8	1	40	3	0	48	34	17	1	40	28
9	1	53	46	0	36	35	0	1	54	15
10	2	7	46	0	30	35	30	2	8	18
11	2	21	58	0	18	36	13	2	22	33
12	2	36	27	0	24	36	55	2	37	5
13	2	51	13	0	54	37	35	2	51	54
14	3	6	15	0	54	37	30	3	6	59
15	3	21	15	0	36	36	47	3	22	3
			minue							
16	3	35	58	0	30	35	7	3	36	49
17	3	50	1	1	18	33	58	3	50	55
18	4	3	36	1	48	33	32	4	4	33
19	4	17	1	1	42	32	55	4	18	1
20	4	30	11	1	36	32	0	4	31	15
21	4	42	59	1	30	31	15	4	44	6
22	4	55	29	1	18	30	35	4	56	39
23	5	7	43	1	0	30	26	5	8	56
24	5	19	53	0	42	30	10	5	21	9
25	5	31	7	0	36	29	55	5	33	16
26	5	43	55	0	30	29	40	5	45	18
27	5	55	47	0	42	29	30	5	57	16

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120

Di es	Locus S	g̃	m̃	Eq̃tio m̃	2	ad ho. m̃	2	Arg. lati. S	g̃	m̃
				adde						
0	5	58	36	0	12	29	47	5	58	36
1	0	10	31	1	24	30	57	0	10	34
2	0	22	54	2	12	31	45	0	23	0
3	0	35	36	2	18	31	37	0	35	46
4	0	48	15	1	36	31	40	0	48	28
5	1	0	55	0	54	31	55	1	1	11
6	1	13	41	0	54	32	45	1	14	0
7	1	26	47	0	42	33	30	1	27	9
8	1	40	11	0	48	34	12	1	40	36
9	1	53	52	0	42	34	58	1	54	21
10	2	7	51	0	12	35	25	2	8	23
11	2	22	1	0	24	36	15	2	22	36
12	2	36	31	0	30	37	7	2	37	9
13	2	51	22	0	48	37	35	2	52	3
14	3	6	34	0	48	37	22	3	7	8
				minue						
15	3	21	21	0	42	36	20	3	22	9
16	3	35	53	1	18	34	47	3	36	40
17	3	49	48	2	6	33	45	3	50	42
18	4	3	18	1	48	33	35	4	4	15
19	4	16	44	1	42	32	57	4	17	44
20	4	29	55	1	18	32	2	4	40	59
21	4	42	44	1	6	32	20	4	43	51
22	4	55	16	1	12	30	32	4	56	56
23	5	7	33	0	54	30	32	5	8	46
24	5	19	46	0	48	30	12	5	21	2
25	5	31	51	0	24	29	57	5	33	10
26	5	43	50	0	36	29	35	5	45	13
27	5	55	40	0	42	29	12	5	57	6

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130

Di es	Locus S	g̃	m̃	Eq̃tio m̃	2	ad ho m̃	2	Arg. lati. S	g̃	m̃
				adde						
0	5	58	38	0	36	30	18	5	58	38
1	0	10	45	1	48	31	17	0	10	48
2	0	23	16	2	30	31	47	0	23	22
3	0	35	59	1	42	31	20	0	36	9
4	0	48	31	1	0	31	22	0	48	44
5	1	1	4	1	0	31	55	1	1	20
6	1	13	50	0	42	32	40	1	14	9
7	1	26	54	0	54	33	32	1	27	16
8	1	40	19	0	42	34	10	0	40	44
9	1	53	59	0	18	34	45	1	54	28
10	2	7	53	0	24	35	30	2	8	25
11	2	22	5	0	18	36	17	2	22	40
12	2	36	36	0	36	37	15	2	37	14
13	2	51	30	0	30	37	35	2	52	11
14	3	6	32	0	30	36	45	3	7	16
15	3	21	14	0	12	36	5	3	22	2
				minue						
16	3	35	40	2	0	34	28	3	36	31
17	3	49	27	2	36	33	52	3	50	21
18	4	3	0	1	36	33	37	4	3	57
19	4	16	27	1	18	33	7	4	17	27
20	4	29	42	1	30	32	7	4	30	46
21	4	42	33	1	18	31	17	4	43	49
22	4	55	4	1	6	30	50	4	56	14
23	5	7	24	0	48	30	35	5	8	37
24	5	19	38	0	30	30	22	5	20	54
25	5	31	47	0	36	29	52	5	33	6
26	5	43	44	0	30	29	33	5	45	7
27	5	55	33	0	42	29	5	5	56	59

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140

Di	Locus S	Locus g	Locus m	Eqtio m	Eqtio 2	ad ho m	ad ho 2	Arg. latu. S	Arg. latu. g	Arg. latu. m
es				adde						
0	5	58	44	1	12	30	47	5	58	44
1	0	11	3	2	12	31	35	0	11	6
2	0	23	41	2	12	31	27	0	23	47
3	0	36	16	1	24	31	2	0	36	26
4	0	48	41	1	0	31	23	0	48	54
5	1	1	14	0	30	31	48	1	1	30
6	1	13	57	0	48	32	45	1	14	16
7	1	27	3	0	36	33	27	1	27	25
8	1	40	26	0	18	34	0	1	40	51
9	1	54	2	0	24	34	48	1	54	31
10	2	7	57	0	0	35	28	2	8	29
11	2	22	8	0	12	36	23	2	22	43
12	2	36	41	0	18	37	18	2	37	19
13	2	51	36	0	24	37	33	2	52	17
				minue						
14	3	6	37	0	12	36	37	3	7	21
15	3	21	16	1	18	35	10	3	22	4
16	3	35	20	2	24	34	12	3	36	11
17	3	49	1	2	6	34	17	3	49	55
18	4	2	44	2	0	33	45	4	3	41
19	4	16	14	1	24	33	2	4	17	14
20	4	29	27	1	6	32	12	4	30	31
21	4	42	20	1	18	31	23	4	43	37
22	4	54	53	0	42	30	57	4	56	3
23	5	7	16	0	30	30	43	5	8	29
24	5	19	33	0	18	30	20	5	20	49
25	5	31	41	0	24	29	55	5	33	0
26	5	43	39	0	36	29	28	5	45	2
27	5	55	26	0	36	29	7	5	56	52

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150

Di	Locus S	Locus g	Locus m	Eqtio m	Eqtio 2	ad ho. m	ad ho. 2	Arg. lati. S	Arg. lati. g	Arg. lati. m
es				adde						
0	5	58	56	1	36	31	13	5	58	56
1	0	11	25	2	30	31	35	0	11	28
2	0	24	3	2	6	31	0	0	24	9
3	0	36	30	1	12	30	52	0	36	40
4	0	48	51	0	36	31	10	0	49	4
5	1	1	19	0	30	31	55	1	1	35
6	1	14	5	0	30	32	40	1	14	24
7	1	27	9	0	24	33	20	1	27	31
8	1	40	29	0	24	34	2	1	40	54
9	1	54	6	0	0	34	38	1	54	35
10	2	7	57	0	6	35	33	2	8	29
				minue						
11	2	22	10	0	6	36	25	2	22	45
				adde						
12	2	36	44	0	18	37	20	2	37	22
13	2	51	40	0	18	37	17	2	52	21
				minue						
14	3	6	35	0	36	36	10	3	7	19
15	3	21	3	2	6	34	43	3	21	51
16	3	34	56	2	48	34	20	3	35	47
17	3	48	40	2	6	34	20	3	49	34
18	4	2	24	1	12	34	0	4	3	21
19	4	16	0	1	0	33	10	4	17	0
20	4	29	16	0	54	32	7	4	30	20
21	4	42	7	0	48	31	38	4	43	14
22	4	54	46	0	48	31	2	4	55	56
23	5	7	11	0	30	30	48	5	8	24
24	5	19	30	0	30	30	17	5	20	46
25	5	31	37	0	12	29	50	5	32	56
26	5	43	33	0	18	29	28	5	44	56
27	5	55	20	0	42	29	5	5	56	46

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160

Di es	Locus S	g	m	Eq̃tio m	2	ad ho. m	2	Arg. lat. S	g	m
				adde						
0	5	59	12	2	12	31	35	5	59	12
1	0	11	50	2	18	31	25	0	11	53
2	0	24	24	1	30	30	45	0	24	30
3	0	36	42	0	42	30	37	0	36	52
4	0	48	57	0	36	31	7	0	49	10
5	1	1	24	0	36	31	55	1	1	40
6	1	14	10	0	42	32	37	1	14	29
7	1	27	13	0	24	33	20	1	27	35
8	1	40	33	0	6	33	52	1	40	58
9	1	54	6	0	0	34	40	1	54	35
				minue						
10	2	7	58	0	12	35	28	2	8	30
11	2	22	9	0	0	36	35	2	22	44
				adde						
12	2	36	47	0	6	37	20	2	37	25
				minue						
13	2	51	43	0	12	36	55	2	52	24
14	3	6	29	1	30	35	32	3	7	13
15	3	20	42	2	30	34	25	3	21	30
16	3	34	28	2	30	34	27	3	35	19
17	3	48	19	1	48	34	42	3	49	13
18	4	2	12	1	18	34	5	4	3	9
19	4	15	50	1	0	33	12	4	16	50
20	4	29	7	1	6	32	10	4	30	11
21	4	41	59	0	54	31	38	4	43	6
22	4	54	38	0	30	31	10	4	55	48
23	5	7	6	0	24	30	47	5	8	19
24	5	19	25	0	6	30	25	5	20	41
25	5	31	39	0	18	29	47	5	32	54
26	5	43	30	0	30	29	18	5	44	53
27	5	55	13	0	18	29	20	5	56	39

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170

Di es	Locus S	g	m	Eq̃tio m	2	ad ho m	2	Arg lat. S	g	m
				adde						
0	5	59	34	2	36	31	38	5	59	34
1	0	12	13	2	12	31	5	0	12	16
2	0	24	39	1	6	30	25	0	24	45
3	0	36	49	0	36	30	35	0	36	59
4	0	49	3	0	18	31	7	0	49	16
5	1	1	30	0	30	31	57	1	1	46
6	1	14	17	0	12	32	30	1	14	36
7	1	27	17	0	12	33	12	1	27	39
				minue						
8	1	40	34	0	12	33	50	1	40	59
9	1	54	6	0	12	34	35	1	54	35
10	2	7	54	0	12	36	32	2	8	28
				adde						
11	2	22	9	0	12	36	37	2	22	44
				minue						
12	2	36	48	0	6	37	13	2	37	26
13	2	51	41	1	0	36	22	2	52	22
14	3	6	14	2	18	35	7	3	6	58
15	3	20	17	3	12	34	25	3	21	5
16	3	34	3	2	30	34	55	3	34	54
17	3	48	1	1	30	34	55	3	48	55
18	4	1	59	0	44	34	12	4	2	56
19	4	15	40	0	54	33	10	4	16	40
20	4	28	56	1	30	32	15	4	30	0
21	4	41	50	0	30	31	58	4	42	57
22	4	54	33	0	24	31	13	4	55	43
23	5	7	2	0	0	30	55	5	8	15
24	5	19	24	0	6	30	20	5	20	40
25	5	31	32	0	6	29	42	5	32	51
26	5	43	25	0	18	29	33	5	44	48
27	5	55	10	0	12	29	30	5	56	36

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180

Dies	Locus S	g	m	Eq̃tio m	2	ad ho. m	2	Arg. lati. S	g	m
				adde						
0	0	0	0	2	36	31	27	0	0	0
1	0	12	35	1	36	30	37	0	12	38
2	0	24	50	0	42	30	12	0	24	56
3	0	36	55	0	18	30	27	0	37	5
4	0	49	6	0	12	31	13	0	49	19
5	1	1	35	0	6	31	50	1	1	51
6	1	14	19	0	6	32	30	1	14	38
7	1	27	14	0	0	33	2	1	27	41
8	1	40	32	0	0	33	50	1	40	57
				minue						
9	1	54	4	0	18	34	35	1	54	33
10	2	7	54	0	24	35	43	2	8	26
11	2	22	11	0	24	36	30	2	22	46
12	2	36	47	0	30	36	50	2	37	25
13	2	51	31	1	24	35	50	2	52	12
14	3	5	51	2	48	34	45	3	6	35
15	3	19	45	3	0	34	43	3	20	33
16	3	33	38	1	42	35	20	3	34	29
17	3	47	46	1	0	34	12	3	48	40
18	4	1	51	0	48	34	10	4	2	48
19	4	15	31	0	54	33	7	4	16	31
20	4	28	46	0	42	32	28	4	29	50
21	4	41	45	0	36	31	50	4	42	52
22	4	54	29	0	18	31	25	4	55	39
23	5	7	2	0	18	30	52	5	8	15
24	5	19	23	0	12	30	20	5	20	39
25	5	31	31	0	18	29	37	5	32	50
26	5	43	22	0	12	29	25	5	44	45
				adde						
27	5	55	8	0	12	29	50	5	56	34

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190

Dies	Locus S	g	m	Eq̃tio m	2	ad ho m	2	Arg. lati. S	g	m
				adde						
0	0	0	26	2	0	31	3	0	0	26
1	0	12	51	1	6	30	15	0	12	54
2	0	24	57	0	24	30	3	0	25	3
3	0	36	58	0	0	30	25	0	37	8
4	0	49	8	0	12	31	10	0	49	21
5	1	1	36	0	12	31	50	1	1	52
6	1	14	20	0	6	32	28	1	14	39
				minue						
7	1	27	19	0	6	33	3	1	27	41
8	1	40	32	0	24	33	42	1	40	57
9	1	54	1	0	36	34	32	1	54	30
10	2	7	50	0	18	35	42	2	8	22
11	2	22	7	0	24	36	28	2	22	42
12	2	36	42	1	0	36	27	2	37	20
13	2	51	17	2	24	35	15	2	51	58
14	3	5	23	3	12	34	40	3	6	7
15	3	19	15	2	42	35	15	3	20	3
16	3	33	21	1	30	35	37	3	34	12
17	3	47	36	0	36	35	15	3	48	30
18	4	1	43	0	36	34	7	4	2	40
19	4	15	22	0	36	33	12	4	16	22
20	4	28	39	0	36	32	30	4	29	43
21	4	41	36	0	24	31	58	4	42	26
22	4	54	26	0	6	31	22	4	55	36
				adde						
23	5	6	59	0	6	30	55	5	8	12
24	5	19	21	0	6	30	10	5	20	37
				minue						
25	5	31	28	0	6	29	40	5	52	47
26	5	43	20	0	0	29	35	5	44	43
				Adde						
27	5	55	10	0	48	30	15	5	56	36

☾

200

	Locus			Equatio		ad ho		Arg. lati.		
Dies	S	g	m	m	2	m	2	S	g	m
				adde						
0	0	0	46	1	48	30	40	0	0	46
1	0	13	2	0	48	29	57	0	13	5
2	0	25	1	0	0	29	52	0	25	7
3	0	36	58	0	6	30	30	0	37	8
4	0	49	10	0	6	31	10	0	49	23
5	1	1	38	0	6	31	48	1	1	54
6	1	14	21	0	0	32	22	1	14	40
				minue						
7	1	27	18	0	30	32	55	1	27	40
8	1	40	28	0	36	33	37	1	40	53
9	1	53	55	0	30	34	40	1	54	34
10	2	7	47	0	30	35	40	2	8	19
11	2	22	3	0	30	36	13	2	22	38
12	2	36	22	1	18	35	52	2	37	10
13	2	50	53	2	42	34	55	2	51	34
14	3	4	51	2	18	34	52	3	5	35
15	3	18	48	2	6	35	45	3	19	36
16	3	33	6	0	54	36	0	3	33	50
17	3	47	30	0	30	35	17	3	48	24
18	4	1	37	0	36	34	7	4	2	34
19	4	15	16	0	30	33	12	4	16	16
20	4	28	33	0	12	32	35	4	29	37
21	4	41	35	0	6	32	5	4	42	42
22	4	54	25	0	0	31	27	4	55	35
				adde						
23	5	7	0	0	6	30	55	5	8	13
24	5	19	22	0	0	30	12	5	20	38
25	5	31	27	0	6	29	42	5	32	46
26	5	43	20	0	18	29	55	5	44	43
27	5	55	18	1	0	30	40	5	56	44

☾

210

	Locus			Equatio		ad ho		Arg. lati.		
Dies	S	g	m	m	2	m	2	S	g	m
				adde						
0	0	1	4	1	12	30	15	0	1	4
1	0	13	10	0	6	29	37	0	13	13
				minue						
2	0	25	1	0	6	29	55	0	25	7
3	0	36	59	0	0	30	30	0	37	9
4	0	49	11	0	0	31	10	0	49	24
5	1	1	39	0	0	31	41	1	1	55
6	1	14	21	0	12	32	10	1	14	40
7	1	27	13	0	18	32	52	1	27	35
8	1	40	22	0	30	33	40	1	40	47
9	1	53	50	0	48	34	40	1	54	19
10	2	7	42	0	48	35	40	2	8	14
11	2	21	58	0	54	35	52	2	22	33
12	2	36	19	2	0	35	17	2	36	57
13	2	50	26	3	6	34	40	2	51	7
14	3	4	18	2	48	35	23	3	5	2
15	3	18	27	1	24	36	15	3	19	15
16	3	32	57	0	24	36	10	3	33	48
17	3	47	25	0	30	35	15	3	48	19
18	4	1	31	0	24	34	10	4	2	28
19	4	15	11	0	24	33	20	4	16	11
20	4	28	31	0	30	32	38	4	29	35
21	4	41	34	0	6	32	5	4	42	41
				Adde						
22	4	54	24	0	6	31	32	4	55	34
23	5	7	1	0	18	30	52	5	8	14
24	5	19	22	0	12	30	15	5	20	38
25	5	31	28	0	12	29	47	5	32	47
26	5	43	23	1	42	30	13	5	44	46
27	5	55	28	1	48	31	10	5	56	44

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220

	Locus			Equatio ad ho.				Arg. lat.		
Dies	S	g	m	m	2	m	2	S	g	m
				adde						
0	0	1	16	0	36	29	47	0	1	16
				minue						
1	0	13	11	0	6	29	32	0	13	14
2	0	25	0	0	12	29	58	0	25	10
3	0	36	59	0	12	30	30	0	37	9
4	0	49	11	0	0	31	10	0	49	24
5	1	1	39	0	12	31	40	1	1	55
6	1	14	19	0	24	32	7	1	14	38
7	1	27	10	0	48	32	48	1	27	32
8	1	40	17	1	6	33	33	1	40	42
9	1	53	42	0	48	34	40	1	54	11
10	2	7	34	0	48	35	37	0	8	6
11	2	21	49	1	42	35	25	2	22	24
12	2	35	59	2	36	34	50	2	36	37
13	2	49	55	3	18	34	48	2	50	36
14	3	3	50	2	18	35	58	3	4	34
15	3	18	13	0	54	36	40	3	19	1
16	3	32	53	0	18	36	7	3	33	44
17	3	47	20	0	0	35	17	3	48	14
18	4	1	27	0	24	34	10	4	2	24
19	4	15	7	6	12	33	17	4	16	7
				adde						
20	4	28	26	0	6	32	47	4	29	30
21	4	41	33	0	18	32	10	4	42	40
22	4	54	25	0	18	31	37	4	55	35
23	5	7	4	0	12	30	50	5	8	17
24	5	19	24	0	12	30	15	5	20	40
25	5	31	30	0	24	30	0	5	32	49
26	5	43	40	0	18	30	40	5	44	53
27	5	55	46	2	12	31	24	5	57	12

☾

230

	Locus			Equatio ad ho.				Arg. lat.		
Dies	S	g	m	m	2	m	2	S	g	m
				adde						
0	0	1	22	0	6	29	30	0	1	22
				minue						
1	0	13	10	0	18	29	30	0	13	13
2	0	24	58	0	24	29	58	0	25	4
3	0	36	57	0	12	30	35	0	37	7
4	0	49	11	0	24	31	5	0	49	24
5	1	1	37	0	18	31	35	1	1	53
6	1	14	15	0	30	31	58	1	14	34
7	1	27	2	0	42	32	40	1	27	24
8	1	40	6	0	48	33	40	1	40	31
9	1	53	34	0	54	34	40	1	54	3
10	2	7	26	1	12	35	15	2	7	58
11	2	21	32	1	42	35	2	2	22	7
12	2	35	3	2	48	34	32	2	36	11
13	2	49	22	2	36	35	12	2	50	3
14	3	3	27	1	12	36	32	3	4	11
15	3	18	4	0	12	36	55	3	18	52
16	3	32	50	0	6	36	15	3	33	41
17	3	47	20	0	12	35	7	3	48	14
18	4	1	23	0	6	34	15	4	2	20
19	4	15	5	0	12	33	25	4	16	5
				adde						
20	4	28	27	0	6	32	52	4	29	31
21	4	41	36	0	0	32	10	4	42	43
22	4	54	28	0	30	31	35	4	55	38
23	5	7	36	0	30	30	50	5	8	19
24	5	19	26	0	24	30	20	5	20	42
25	5	31	34	0	30	30	22	5	32	53
26	5	43	43	1	24	31	3	5	45	6
27	5	56	8	2	30	31	40	5	57	54

☾

240

Di	Locus			Eqtio		ad ho.		Arg.lati.		
	S	g	m	m	2	m	2	S	g	m
es				minue						
0	0	1	23	0	18	29	20	0	1	23
1	0	13	7	0	30	29	27	0	13	10
2	0	24	54	0	18	30	3	0	25	0
3	0	36	55	0	18	30	30	0	37	5
4	0	49	7	0	6	31	8	0	49	20
5	1	1	34	0	24	31	30	1	1	50
6	1	14	10	0	36	31	52	1	14	29
7	1	26	55	1	0	32	38	1	27	17
8	1	39	58	1	36	33	37	1	40	23
9	1	53	25	0	54	34	33	1	53	54
10	2	7	14	1	24	35	3	2	7	46
11	2	21	15	2	6	34	35	2	21	50
12	2	35	5	2	42	34	38	2	35	43
13	2	48	56	2	6	35	47	2	49	35
14	3	3	15	0	54	36	51	3	3	59
15	3	18	2	0	0	36	57	3	18	50
				adde						
16	3	32	49	0	18	36	12	3	33	40
				minue						
17	3	47	18	0	6	35	10	3	48	12
18	4	1	22	0	18	34	12	4	2	19
19	4	15	2	0	6	33	32	4	16	3
				adde						
20	4	28	28	0	18	32	50	4	29	32
21	7	41	36	0	42	32	35	4	42	43
22	4	54	34	0	24	31	32	4	55	44
23	5	7	11	0	24	30	47	5	8	24
24	5	19	30	0	36	30	25	5	20	46
25	5	31	40	1	18	30	42	5	32	59
26	5	43	57	2	12	31	30	5	45	20
27	5	56	33	2	30	31	25	5	57	59

☾

250

Di	Locus			Eqtio		ad ho		Arg.lati.		
	S	g	m	m	2	m	2	S	g	m
es				minue						
0	0	1	20	0	24	29	15	0	1	20
1	0	13	2	0	30	29	33	0	13	5
2	0	24	51	0	24	30	3	0	24	57
3	0	36	52	0	18	30	35	0	37	2
4	0	49	6	0	30	31	0	0	49	19
5	1	1	30	0	42	31	25	1	1	46
6	1	14	4	1	0	31	42	1	14	23
7	1	26	45	1	0	32	35	1	27	7
8	1	39	47	1	6	33	43	1	40	12
9	1	53	16	1	24	34	20	1	53	45
10	2	7	0	1	48	34	45	2	7	32
11	2	20	54	2	36	34	20	2	21	29
12	2	34	38	2	30	34	52	2	35	16
13	2	48	35	1	18	36	17	2	49	16
14	3	3	6	0	0	37	20	3	3	50
					adde					
15	3	18	2	0	18	37	5	3	18	50
16	3	32	52	0	18	36	2	3	33	43
17	3	47	17	0	0	35	5	3	48	11
18	4	1	19	0	18	34	17	4	2	16
19	4	15	2	0	18	33	43	4	16	2
20	4	28	31	0	30	33	0	4	29	35
21	4	41	43	0	30	32	18	4	42	50
22	4	54	38	0	42	31	32	4	55	48
23	5	7	15	0	36	30	52	5	8	28
24	5	19	36	0	48	30	42	5	20	52
25	5	31	53	1	36	31	5	5	33	12
26	5	44	19	2	18	31	38	5	45	42
27	5	56	58	2	12	31	7	5	58	24

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260

	Locus			Eq̃tio		ad ho.		Arg. lati.		
Di	S	g̃	m̃	m̃	2	m̃	2	S	g̃	m̃
es				minue						
0	0	1	16	0	42	29	13	0	1	16
1	0	12	57	0	42	29	35	0	13	0
2	0	24	47	0	30	30	5	0	24	53
3	0	36	44	0	18	30	30	0	36	58
4	0	49	1	0	24	30	55	0	49	14
5	1	1	23	0	36	31	18	1	1	39
6	1	13	54	1	0	31	43	1	14	13
7	1	26	35	1	18	32	33	1	26	57
8	1	39	36	0	12	33	35	1	40	1
9	1	53	2	1	12	34	10	1	53	31
10	2	6	42	1	48	34	25	2	7	14
11	2	20	28	2	42	34	22	2	21	3
12	2	34	13	2	6	35	22	2	34	51
13	2	48	28	0	30	36	50	2	49	3
				adde						
14	3	3	6	0	18	37	28	3	3	50
15	3	18	5	0	30	37	5	3	18	53
16	3	32	55	0	0	35	55	3	33	46
17	3	47	17	0	12	35	12	3	48	11
				minue						
18	4	1	22	0	6	34	18	4	2	19
				adde						
19	4	15	5	0	30	33	47	4	16	5
20	4	28	36	0	30	33	0	4	29	40
21	4	41	48	0	42	32	22	4	42	55
22	4	54	45	0	36	31	30	4	55	55
23	5	7	21	0	48	30	57	5	8	34
24	5	19	44	1	6	31	2	5	21	0
25	5	32	9	1	54	31	23	5	33	28
26	5	44	42	2	36	31	35	5	46	5
27	5	57	20	1	42	30	37	5	58	46

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270

	Locus			Eq̃tio		ad ho		Arg. lati.		
Di	S	g̃	m̃	m̃	2	m̃	2	S	g̃	m̃
es					minue					
0	0	1	9	0	42	29	13	0	1	9
1	0	12	50	0	30	29	40	0	12	53
2	0	24	42	0	30	30	10	0	24	48
3	0	36	46	0	30	30	28	0	36	56
4	0	48	57	0	42	30	50	0	49	10
5	1	1	17	1	0	31	8	1	1	33
6	1	13	44	1	12	31	35	1	14	3
7	1	26	22	1	0	33	0	1	26	44
8	1	39	34	2	24	33	10	1	39	59
9	1	52	50	1	54	33	55	1	53	19
10	2	6	24	2	6	34	3	2	6	56
11	2	20	1	2	6	34	37	2	20	26
12	2	33	52	1	12	36	3	2	34	30
13	2	48	17	0	6	37	10	2	48	58
					adde					
14	3	3	9	0	30	37	33	3	3	53
15	3	18	10	0	42	36	52	3	18	58
16	3	32	55	0	24	36	0	3	33	46
17	3	47	19	0	6	35	5	3	48	13
18	4	1	21	0	24	30	32	4	2	18
19	4	15	10	0	24	33	47	4	16	10
20	4	28	41	0	48	33	5	4	29	45
21	4	41	55	0	54	32	20	4	43	2
22	4	54	51	0	48	31	35	4	56	1
23	5	7	29	1	0	31	5	5	8	42
24	5	19	55	1	42	31	22	5	21	11
25	5	32	28	2	6	31	40	5	33	47
26	5	45	8	2	0	31	12	5	46	31
27	5	57	37	1	12	30	12	5	59	3

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280

Di es	Locus S	g	m	Eqtio ad ho. m	2	m	2	Arg. lati. S	g	m
				minue						
0	0	1	2	0	48	29	18	0	1	2
1	0	13	45	0	42	29	40	0	12	48
2	0	24	37	0	30	30	10	0	24	43
3	0	36	41	0	36	30	23	0	36	51
4	0	48	50	0	48	30	43	0	49	3
5	1	1	7	1	0	31	3	1	1	23
6	1	13	32	1	24	31	40	1	13	51
7	1	26	12	1	30	32	25	1	26	34
8	1	39	10	1	30	32	22	1	39	35
9	1	52	31	1	24	33	50	1	53	0
10	2	6	3	2	12	34	2	2	6	35
11	2	19	40	1	54	35	0	2	20	15
12	2	33	40	0	36	36	30	2	34	18
				adde						
13	2	48	16	0	30	37	25	2	48	57
14	3	3	14	1	0	37	38	3	3	58
15	3	18	17	0	36	36	45	3	19	5
16	3	32	59	0	12	35	52	3	33	50
17	3	47	20	0	24	35	12	3	48	14
18	4	1	25	0	24	34	33	4	2	22
19	4	15	14	0	42	33	57	4	16	14
20	4	28	49	0	42	33	8	4	29	53
21	4	42	4	0	36	32	17	4	43	11
22	4	54	59	1	0	31	40	4	56	9
23	5	7	39	0	54	31	22	5	7	52
24	5	20	12	1	48	31	32	5	21	28
25	5	32	49	2	24	31	37	5	37	8
26	5	45	28	1	54	30	52	5	46	51
27	5	57	45	0	30	26	45	5	59	15

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290

Di es	Locus S	g	m	Eqtio ad ho m	2	m	2	Arg. lati. S	g	m
				minue						
0	0	0	54	1	0	29	20	0	0	54
1	0	12	38	0	30	29	45	0	12	41
2	0	24	32	0	30	30	8	0	24	34
3	0	36	35	0	42	30	18	0	36	45
4	0	48	42	0	54	30	38	0	48	55
5	1	0	57	1	12	30	53	1	1	13
6	1	13	18	1	6	31	38	1	13	37
7	1	25	57	1	24	32	25	1	26	19
8	1	38	55	1	12	33	25	1	39	20
9	1	52	17	1	42	33	30	1	52	46
10	2	5	41	1	36	34	10	2	6	13
11	2	19	22	0	54	35	32	2	19	56
				adde						
12	2	33	34	0	12	36	58	2	34	12
13	2	48	21	1	0	37	37	2	49	2
14	3	3	24	0	54	37	28	3	4	8
15	3	18	23	0	42	36	35	3	19	11
16	3	33	1	0	36	35	57	3	33	52
17	3	47	24	0	24	35	13	3	48	18
18	4	1	29	0	36	34	40	4	2	26
19	4	15	21	0	42	33	57	4	16	21
20	4	28	56	1	6	33	5	4	30	0
21	4	42	10	1	6	32	27	4	43	17
22	4	55	9	0	48	31	38	4	56	19
23	5	7	48	1	48	31	45	5	9	1
24	5	20	30	1	48	31	47	5	21	46
25	5	33	13	2	6	31	25	5	34	32
26	5	45	47	1	12	30	20	5	47	10
27	5	57	65	0	0	29	22	5	59	21

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300

	Locus			Eqtio		ad ho		Arg.lati.		
Di	S	g	m	m	2	m	2	S	g	m
es				minue						
0	0	0	44	0	48	29	32	0	0	44
1	0	12	33	0	42	29	45	0	12	36
2	0	24	27	0	36	30	2	0	24	33
3	0	36	28	0	42	30	13	0	36	38
4	0	48	33	1	0	30	30	0	48	46
5	1	0	45	1	18	30	55	1	0	1
6	1	13	7	1	36	31	30	1	13	36
7	1	25	43	1	36	32	30	1	26	5
8	1	38	43	1	30	33	13	1	59	8
9	1	52	0	1	42	33	33	1	52	29
10	2	5	25	1	12	34	28	2	59	57
11	2	19	12	0	24	36	0	2	19	47
				adde						
12	2	33	36	0	30	37	17	2	34	14
13	2	48	31	1	0	37	35	2	49	12
14	3	3	33	1	0	37	23	3	4	17
15	3	18	30	0	36	36	32	3	19	18
16	3	33	7	0	36	35	52	3	33	58
17	3	47	28	0	36	35	18	3	48	22
18	4	1	35	0	54	34	42	4	2	32
19	4	15	28	1	12	34	7	4	16	28
20	4	20	7	1	18	33	5	4	30	11
21	4	42	21	1	12	32	20	4	43	28
22	4	55	17	1	18	32	2	4	56	27
23	5	8	6	1	18	31	45	5	9	29
24	5	20	48	2	12	31	55	5	22	4
25	5	33	34	1	42	31	2	5	34	53
26	5	45	59	0	24	29	50	5	47	22
				minue						
27	5	57	55	0	24	29	12	5	59	21

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310

	Locus			Eqtio		ad ho.		Arg.lati.		
Di	S	g	m	m	2	m	2	S	g	m
es				minue						
0	0	0	36	0	42	29	35	0	0	36
1	0	12	26	0	36	29	47	0	12	29
2	0	24	21	0	36	30	0	0	24	27
3	0	36	21	0	54	30	5	0	36	31
4	0	48	23	1	6	30	22	0	48	36
5	1	0	32	1	18	30	48	1	0	48
6	1	12	51	1	42	31	30	1	13	10
7	1	25	27	1	0	32	32	1	25	49
8	1	38	28	1	30	33	7	1	38	53
9	1	51	43	1	24	33	45	1	52	12
10	2	5	13	0	36	34	47	2	5	45
				adde						
11	2	19	8	0	24	36	25	2	19	43
12	2	33	42	1	12	37	28	2	34	30
13	2	48	41	1	6	37	35	2	49	22
14	3	3	43	1	0	37	10	3	4	27
15	3	18	35	0	48	36	31	3	19	23
16	3	33	13	0	24	35	53	3	34	4
17	3	47	34	0	42	35	25	3	48	28
18	4	1	44	0	54	34	50	4	2	41
19	4	15	40	1	6	34	10	4	16	40
20	4	29	20	0	54	33	2	4	30	24
21	4	42	33	1	6	32	22	4	43	40
22	4	55	30	1	30	32	2	4	56	40
23	5	8	19	1	48	32	2	5	9	32
24	5	21	10	1	54	31	42	5	22	26
25	5	33	51	1	0	30	30	5	35	10
26	5	46	3	0	6	29	30	5	47	26
				minue						
27	5	57	51	0	36	29	7	5	59	17

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320

Di es	Locus S	g	m	Eq̃tio m	2	ad ho m	2	Arg. lati S	g	m
				minue						
0	0	0	29	0	42	29	38	0	0	29
1	0	12	20	0	42	29	48	0	12	23
2	0	24	15	0	48	29	53	0	24	21
3	0	36	12	0	48	30	0	0	36	22
4	0	48	12	1	24	30	17	0	48	25
5	1	0	19	1	12	30	45	1	0	35
6	1	12	37	1	24	31	40	1	12	56
7	1	25	17	1	42	32	20	1	25	39
8	1	38	13	0	48	33	10	1	38	38
9	1	51	29	0	42	34	5	1	51	58
10	2	5	7	0	18	35	12	2	5	39
				adde						
11	2	19	12	0	42	36	45	2	19	47
12	2	33	54	1	0	37	25	2	34	32
13	2	48	52	1	18	37	32	2	49	33
14	3	3	53	0	54	37	5	3	4	37
15	3	18	43	0	36	36	25	3	19	31
16	3	33	17	0	42	36	0	3	34	8
17	3	47	41	0	48	35	30	3	48	35
18	4	1	53	1	6	34	55	4	2	50
19	4	15	51	1	12	34	5	4	16	51
20	4	29	29	1	24	33	7	4	30	33
21	4	42	44	1	30	32	32	4	43	51
22	4	55	45	1	18	32	10	4	56	55
23	5	8	37	1	36	32	10	5	9	50
24	5	21	29	1	6	31	20	5	12	45
25	5	34	1	0	36	30	7	5	35	20
				minue						
26	5	46	4	0	36	29	12	5	47	27
27	5	57	45	0	42	29	5	5	59	11

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330

Di es	Locus S	g	m	Eq̃tio m	2	ad ho. m	2	Arg. lati S	g	m
				minue						
0	0	0	22	0	48	29	38	0	0	22
1	0	12	13	0	42	29	45	0	12	16
2	0	24	7	0	54	29	52	0	24	13
3	0	36	4	1	12	29	45	0	36	14
4	0	47	58	1	18	30	22	0	48	11
5	1	0	7	1	48	30	40	1	0	23
6	1	12	23	1	18	31	33	1	12	42
7	1	25	0	0	48	32	42	1	25	22
8	1	38	5	1	0	33	13	1	38	30
9	1	51	22	0	30	34	15	1	51	51
				adde						
10	2	5	4	0	30	35	38	2	5	36
11	2	19	19	1	12	36	53	2	19	54
12	2	34	4	1	36	37	32	2	34	42
13	2	49	5	1	18	37	22	2	49	46
14	3	4	2	1	0	36	58	3	4	46
15	3	18	49	0	48	36	28	3	19	37
16	3	33	24	0	42	36	2	3	34	15
17	3	47	49	1	0	35	37	3	48	42
18	4	2	4	1	18	34	57	4	3	1
19	4	16	3	1	24	34	10	4	17	3
20	4	29	43	1	0	33	10	4	30	47
21	4	42	59	1	0	32	27	4	44	6
22	4	55	58	1	42	32	17	4	57	8
23	5	8	53	1	48	31	58	5	10	6
24	5	21	40	1	18	31	7	5	22	56
				minue						
25	5	34	7	0	12	29	37	5	35	26
26	5	45	58	0	42	29	10	5	47	21
27	5	57	38	0	54	29	5	5	59	4

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340

Dies	Locus S	g	m	Eqtio m	2	ad ho m	2	Arg. lati. S	g	m
				adde						
0	0	0	14	0	42	29	40	0	0	14
1	0	12	6	0	48	29	40	0	12	9
2	0	23	58	0	48	29	45	0	24	4
3	0	35	32	1	18	29	43	0	36	2
4	0	47	45	1	18	30	10	0	47	58
5	0	59	49	1	6	30	52	1	0	5
6	1	12	10	1	6	31	45	1	12	29
7	1	24	52	0	48	32	38	1	25	14
8	1	37	55	0	18	33	15	1	38	20
				Adde						
9	1	51	17	0	6	34	40	1	51	46
10	2	5	9	0	54	35	55	2	5	41
11	2	19	31	1	24	37	3	2	20	6
12	2	34	20	1	24	37	25	2	34	58
13	2	49	18	1	6	37	15	2	49	59
14	3	4	12	0	54	36	52	3	4	56
15	3	18	57	0	42	36	25	3	19	55
16	3	33	31	1	0	36	10	3	34	22
17	3	47	59	0	54	35	45	3	48	53
18	4	2	17	1	18	35	0	4	3	14
19	4	16	17	1	18	34	0	4	17	17
20	4	29	53	1	30	33	10	4	30	57
21	4	43	9	1	36	32	45	4	44	16
22	4	56	15	1	30	32	20	4	57	25
23	5	9	11	1	12	31	45	5	10	24
24	5	21	53	0	24	30	30	5	23	9
				minue						
25	5	34	5	0	36	29	25	5	35	24
26	5	45	51	0	54	29	5	5	47	14
27	5	57	29	1	0	29	7	5	58	55

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350

Dies	Locus S	g	m	Eqtio m	2	ad ho. m	2	Arg. lati. S	g	m
				adde						
0	0	0	7	0	42	29	38	0	0	7
1	0	11	58	0	36	29	40	0	12	1
2	0	23	50	1	0	29	33	0	23	56
3	0	35	39	1	6	29	43	0	35	49
4	0	47	32	1	30	30	15	0	47	45
5	0	59	38	1	30	30	52	0	59	54
6	1	11	54	0	54	31	53	1	12	18
7	1	24	44	0	6	32	50	1	25	6
				adde						
8	1	37	52	0	24	33	35	1	38	17
9	1	51	18	0	48	35	50	1	51	47
10	2	5	18	1	12	36	7	2	5	50
11	2	19	45	1	36	37	2	2	20	20
12	2	34	34	1	24	37	17	2	35	12
13	2	49	29	1	12	37	10	2	50	10
14	3	4	21	0	48	36	48	3	5	5
15	3	19	4	0	48	36	33	3	10	52
16	3	33	41	0	48	36	7	3	34	32
17	3	48	8	1	24	35	55	3	49	2
18	4	2	30	1	30	35	0	4	3	27
19	4	16	30	1	24	34	5	4	17	30
20	4	30	8	1	18	33	12	4	31	12
21	4	43	25	1	12	32	42	4	44	32
22	4	56	30	1	12	32	12	4	57	40
23	5	9	33	0	36	31	25	5	10	36
				minue						
24	5	21	57	0	18	30	5	5	23	13
25	5	33	59	0	48	29	17	5	35	18
26	5	45	42	1	6	29	3	5	47	5
27	5	57	19	0	54	29	15	5	58	45

Tabula motus lune in diebus.

Di	motus lune				Argu. lune				Argu. latitu.			
es	S	g	m	2	S	g	m	2	S	g	m	2
1	0	13	10	35	0	13	3	54	0	13	13	46
2	0	26	21	10	0	26	7	48	0	26	27	31
3	0	39	31	45	0	39	11	42	0	39	41	17
4	0	52	42	20	0	52	15	36	0	52	55	3
5	1	5	52	55	1	5	19	30	1	6	8	48
6	1	19	2	30	1	18	23	24	1	19	22	34
7	1	32	14	5	1	31	27	18	1	32	36	20
8	1	45	24	40	1	44	31	12	1	45	50	5
9	1	58	35	15	1	57	35	6	1	59	3	51
10	2	11	45	50	2	10	38	59	2	12	17	37
11	2	24	56	25	2	23	42	53	2	25	31	22
12	2	38	7	0	2	36	46	47	2	38	45	8
13	2	51	17	35	2	49	50	41	2	51	58	54
14	3	4	38	10	3	2	54	35	3	5	12	39
15	3	17	38	45	3	15	58	29	3	18	26	25
16	3	30	49	20	3	29	2	23	3	31	40	10
17	3	43	59	55	3	42	6	17	3	44	53	56
18	3	57	10	30	3	55	10	11	3	58	7	42
19	4	10	21	5	4	8	14	5	4	11	21	27
20	4	23	31	40	4	21	17	59	4	24	35	13
21	4	36	42	15	4	34	21	53	4	37	48	59
22	4	49	52	50	4	47	25	47	4	51	2	44
23	5	3	3	25	5	0	39	41	5	4	16	31
24	5	16	14	1	5	13	33	35	5	17	30	16
25	5	29	24	36	5	26	37	29	5	30	44	1
26	5	42	35	11	5	39	41	23	5	43	57	47
27	5	55	45	46	5	52	45	17	5	57	11	33
28	0	8	56	21	0	5	49	11	0	10	25	18
29	0	22	6	56	0	18	53	5	0	23	39	4
30	0	35	17	31	0	31	56	59	0	36	52	50

ℭ Tabula motus lune in horis.

horis	motus lune S	g	m	2	Argu. lune S	g	m	2	Argu. latitu S	g	m	2
1	0	0	32	56	0	0	32	40	0	0	33	4
2	0	1	5	53	0	1	5	19	0	1	6	9
3	0	1	38	49	0	1	37	59	0	1	39	13
4	0	2	11	46	0	2	10	39	0	2	12	17
5	0	2	44	42	0	2	44	19	0	2	45	22
6	0	3	17	39	0	3	15	58	0	3	18	26
7	0	3	50	35	0	3	48	38	0	3	51	31
8	0	4	23	32	0	4	21	18	0	4	24	35
9	0	4	56	28	0	4	53	58	0	4	57	39
10	0	5	29	25	0	5	26	38	0	5	30	44
11	0	6	2	21	0	5	59	17	0	6	3	48
12	0	6	35	18	0	6	31	57	0	6	36	53
13	0	7	8	14	0	7	4	37	0	7	9	57
14	0	7	41	10	0	7	37	17	0	7	43	1
15	0	8	14	7	0	8	9	57	0	8	16	6
16	0	8	47	3	0	8	42	36	0	8	49	10
17	0	9	20	0	0	9	15	16	0	9	22	14
18	0	9	52	56	0	9	47	56	0	9	55	19
19	0	10	25	53	0	10	20	36	0	10	28	23
20	0	10	58	49	0	10	53	15	0	11	1	27
21	0	11	31	46	0	11	25	55	0	11	34	32
22	0	12	4	42	0	11	58	35	0	12	7	36
23	0	12	37	39	0	12	31	15	0	12	40	41
24	0	13	10	35	0	13	3	54	0	13	13	46
25	0	13	43	31	0	13	36	34	0	13	46	50
26	0	14	16	28	0	14	9	14	0	14	19	54
27	0	14	49	24	0	14	41	53	0	14	52	59
28	0	15	22	20	0	15	14	33	0	15	26	3
29	0	15	55	17	0	15	47	13	0	15	59	7
30	0	16	28	13	0	16	19	52	0	16	32	12

Linee nũeri arg. latir.				Lat. ☽			Lin. nũ. arg. lati.				Lati. ☽			Linee nũeri arg. lati.				Lati. ☽		
g	g	g	g	g	m	2	g	g	g	g	g	m	2	g	g	g	g	g	m	2
1	359	181	179	0	5	13	31	329	211	149	2	34	34	61	299	241	119	4	22	22
2	358	182	178	0	10	27	32	328	212	148	2	38	52	62	298	242	118	4	24	51
3	357	183	177	0	15	40	33	327	213	147	2	43	17	63	297	243	117	4	27	14
4	356	184	176	0	20	53	34	326	214	146	2	47	39	64	296	244	116	4	29	24
5	355	185	175	0	26	7	35	325	215	145	2	51	57	65	295	245	115	4	31	49
6	354	186	174	0	31	19	36	324	216	144	2	56	10	66	294	246	114	4	33	59
7	353	187	173	0	36	31	37	323	217	143	3	0	21	67	393	247	113	4	36	4
8	352	188	172	0	41	42	38	322	218	142	3	4	29	68	292	248	112	4	38	4
9	351	189	171	0	46	52	39	321	219	141	3	8	35	69	291	249	111	4	40	0
10	350	190	170	0	52	1	40	320	220	140	3	12	39	70	290	250	110	4	41	52
11	349	191	169	0	57	9	41	319	221	139	3	16	39	71	289	251	109	4	43	38
12	348	192	168	1	2	16	42	318	222	138	3	20	35	72	288	252	108	4	45	18
13	347	193	167	1	7	23	43	117	223	137	3	24	26	73	287	253	107	4	46	52
14	346	194	166	1	12	30	44	316	224	136	3	28	15	74	286	254	106	4	48	20
15	345	195	165	1	17	36	45	315	225	135	3	32	0	75	285	255	105	4	49	44
16	344	196	164	1	22	35	46	314	226	134	3	35	41	76	284	256	104	4	51	3
17	343	197	163	1	27	33	47	313	227	133	3	39	17	77	283	257	103	4	52	17
18	342	198	162	1	32	31	48	312	228	132	3	42	49	78	282	258	102	4	43	25
19	341	199	161	1	37	29	49	311	229	131	3	46	17	79	281	259	101	4	54	28
20	340	200	160	1	42	27	50	310	230	130	3	49	40	80	280	260	100	4	55	25
21	539	201	159	1	47	23	51	309	231	129	3	53	0	81	279	261	99	4	56	17
22	338	202	158	1	52	17	52	308	232	128	3	56	16	82	278	262	98	4	57	4
23	337	203	157	1	57	8	53	307	233	127	3	59	28	83	277	263	97	4	57	45
24	336	204	156	2	1	56	54	306	234	126	4	2	37	84	276	264	96	4	58	21
25	335	205	155	2	6	40	55	305	235	125	4	5	38	85	275	265	95	4	58	51
26	334	206	154	2	11	22	56	304	236	124	4	8	37	86	274	266	94	4	59	15
27	333	207	153	2	16	2	57	303	237	123	4	11	30	87	273	267	93	4	59	35
28	332	208	152	2	20	40	58	302	238	127	4	14	22	88	272	268	92	4	59	50
29	331	209	151	2	25	17	59	301	239	121	4	17	7	89	271	269	91	4	59	58
30	330	210	150	2	29	52	60	300	240	120	4	19	47	90	270	270	90	5	0	0

Tabula radicum Saturni in annis collectis.

Anni	Supatio Di.	ho	m	motus S	g	m
40	342	12	16	2	1	16
80	106	22	19	4	15	12
120	349	10	35	0	16	27
160	213	20	39	2	30	23
200	78	6	42	4	44	19
240	320	18	58	0	45	35
280	185	5	1	2	59	31
320	49	15	5	5	13	26
360	292	3	21	1	14	42
400	156	13	24	3	28	38
440	20	23	28	5	43	34
480	263	11	44	1	43	50
520	127	21	47	3	47	45
560	370	10	3	5	59	1
600	234	20	7	2	12	57
640	59	6	10	4	26	53
680	341	18	21	0	38	9
720	206	4	29	2	42	5
760	70	14	33	4	56	0
800	313	2	49	0	57	16
840	177	12	52	3	11	12
880	41	22	56	5	25	8
920	284	11	12	1	26	24
960	148	21	15	3	40	19
1000	13	7	19	5	54	15
1040	255	19	34	1	54	31
1080	120	5	38	4	9	27
1120	362	17	54	0	10	43
1160	227	3	57	2	24	38
1200	91	14	1	4	38	34
1240	234	2	17	0	39	50
1280	198	12	20	2	53	46
1320	62	22	24	5	7	42
1360	305	10	40	1	8	57
1400	169	20	43	3	22	53
1440	34	6	47	5	36	49
1480	276	19	2	1	38	5
1520	141	5	6	3	52	1
1560	5	15	9	0	5	56
1600	248	3	25	2	7	12
1640	212	13	24	4	21	8
1680	355	1	45	0	22	24
1720	219	11	48	2	36	27
1760	81	21	52	4	50	15
1800	326	10	7	0	51	31
1840	190	20	11	3	5	27
1880	55	6	15	5	19	23
1920	297	18	30	1	20	39
1960	162	4	34	3	34	34
2000	26	14	37	5	48	30

Tabule radicum ♄ in annis expansis.

Anni	Supatio Di.	ho	m	motus S	g	m
1	365	0	0	0	0	0
2	351	21	48	0	12	40
3	338	19	36	0	35	20
4	326	17	23	0	38	0
5	313	15	11	0	50	40
6	300	12	59	1	3	19
7	287	10	47	1	15	59
8	275	8	34	1	28	39
9	262	6	22	1	41	19
10	249	4	10	1	53	19
11	236	1	58	2	6	39
12	223	23	46	2	19	19
13	210	21	33	2	31	59
14	197	19	21	2	44	39

Residuū tabule radicū ♄

in ānis expāsis	Supatio Di.	ho	m	motus S	g	m
an 15 ni	184	17	9	2	57	18
16	172	14	57	3	9	58
17	159	12	45	3	22	38
18	146	10	32	3	35	18
19	133	8	20	3	47	58
20	121	6	8	4	0	38
21	107	3	56	4	13	18
22	95	1	43	4	25	58
23	181	23	31	4	38	38
24	59	21	19	4	51	17
25	56	19	7	5	3	57
26	43	16	55	5	16	37
27	30	14	42	5	29	17
28	18	12	30	5	41	57
29	5	10	18	5	54	37
30	370	10	18	5	54	37
31	357	8	6	0	7	17
32	345	5	53	0	19	57
33	332	3	41	0	32	37
34	319	1	29	0	45	17
35	305	23	17	0	57	56
36	293	21	5	1	10	36
37	280	18	52	1	23	16
38	267	16	40	1	35	56
39	254	14	28	1	48	36
40	242	12	16	1	1	16
Radices ♄						
xpi	114	11	13	1	6	59
1400	6	5	44	4	42	26
1440	248	18	0	0	43	42

Tabula medij motus ♄

in diebus Di.	S	g	m	2
700	0	0	0	0
600	0	0	0	0
500	0	0	0	0
400	0	0	0	0
300	0	10	2	57
200	0	6	41	58
100	0	3	20	55
90	0	3	0	53
80	0	2	20	42
70	0	2	0	36
60	0	1	40	30
50	0	1	20	24
40	0	1	20	24
30	0	1	0	10
20	0	0	40	12
10	0	0	20	6
9	0	0	18	5
8	0	0	14	4
7	0	0	12	4
6	0	0	12	4
5	0	0	10	3
4	0	0	8	2
3	0	0	6	2
2	0	0	4	1
1	0	0	2	1

in horis Di	S	g	m	2
1	8	0	0	5
2	0	0	0	10
3	0	0	0	15
4	0	0	0	20
5	0	0	0	25
6	0	0	0	30
7	0	0	0	35
8	0	0	0	40
9	0	0	0	45
10	0	0	0	50
11	0	0	0	55
12	0	0	1	0
13	0	0	1	5
14	0	0	1	10
15	0	0	1	15
16	0	0	1	20
17	0	0	1	26
18	0	0	1	31
19	0	0	1	36
20	0	0	1	41
21	0	0	1	46
22	0	0	1	51
23	0	0	1	56
24	0	0	2	1
25	0	0	2	5
26	0	0	2	11
27	0	0	2	16
28	0	0	2	21
29	0	0	2	26
30	0	0	2	31

Tabella brevis

Dies	minue		mot⁹ adde		
378	2	12	0	12	40
756	4	24	0	25	20
1134	6	37	0	38	0
1512	8	49	0	50	40

	Locus			Eq̃tio		ad di.		ad ho.		Lati. o		Eq̃tio o		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			minue		adde		adde		sept.		minue		☉			adde	
0	0	0	0	5	54	7	12	0	18	1	18	1	24	5	59	18	8	12
10	0	1	12	5	54	6	54	0	17	1	18	1	24	0	8	20	8	18
20	0	2	21	5	48	6	42	0	17	1	18	1	24	0	17	27	8	6
30	0	3	28	5	48	6	24	0	16	1	19	1	30	0	26	34	8	0
40	0	4	32	5	54	6	0	0	15	1	20	1	30	0	35	42	8	0
50	0	5	32	5	54	5	30	0	14	1	21	1	30	0	44	54	7	48
60	0	6	27	5	54	4	54	0	12	1	22	1	30	0	54	9	7	24
70	0	7	16	6	0	4	6	0	10	1	23	1	36	1	3	27	7	18
80	0	7	57	6	12	3	18	0	8	1	26	1	42	1	12	50	7	1
90	0	8	30	6	18	2	12	0	6	1	29	2	0	1	22	17	6	42
100	0	8	52	6	24	1	12	0	3	1	32	2	0	1	31	51	6	30
110	0	9	4	6	24	0	24	0	1	1	35	2	6	1	41	31	6	6
	retrog̃dꝰ					minue		minue										
119	0	9	9	6	24	0	6	0	1	1	36	2	6	1	50	16	5	42
120	0	9	8	6	24	0	48	0	2	1	36	2	6	1	51	16	5	42
130	0	9	0	6	30	1	42	0	4	1	37	2	12	2	1	8	5	36
140	0	8	43	6	39	2	30	0	6	1	40	2	18	2	11	7	5	12
150	0	8	18	6	51	3	30	0	9	1	42	2	24	2	21	10	5	18
160	0	7	43	6	54	4	0	0	10	1	44	2	36	2	31	20	5	6
170	0	7	3	6	54	4	36	0	11	1	45	2	42	2	41	34	4	54
180	0	6	17	6	54	4	48	0	12	1	44	2	42	2	51	53	4	48
190	0	5	29	6	57	4	48	0	12	1	43	2	42	3	2	11	4	48
200	0	4	41	6	57	4	24	0	11	1	43	2	48	3	12	29	4	48
210	0	3	57	6	48	3	42	0	9	1	42	2	48	3	22	43	4	36
220	0	3	20	7	0	3	12	0	8	1	40	2	54	3	32	50	5	0
230	0	2	48	6	54	2	18	0	6	1	36	2	42	3	42	53	5	12
240	0	2	25	6	54	1	24	0	4	1	33	2	30	3	52	50	5	12
250	0	2	11	6	48	0	20	0	1	1	31	2	30	4	2	41	5	18
259	0	2	8	6	42	0	0	0	0	1	29	2	30	4	11	22	5	30

Residuum ♄

	0									0								
	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			minue		adde		adde		mer.		adde		☉			adde	
260	0	2	8	6	36	0	36	0	1	1	29	2	39	4	12	20	5	30
270	0	2	14	6	30	1	42	0	4	1	26	2	39	4	21	55	5	48
280	0	2	31	6	27	2	18	0	6	1	21	2	30	4	31	22	6	12
290	0	2	54	6	9	3	36	0	9	1	18	2	24	4	40	49	6	6
300	0	3	30	6	3	4	24	0	11	1	15	2	24	4	50	3	6	24
310	0	4	14	5	54	5	6	0	13	1	11	2	6	4	59	13	6	48
320	0	5	5	5	48	5	36	0	14	1	7	1	57	5	8	21	7	0
330	0	6	1	5	48	6	18	0	16	1	6	1	57	5	17	29	7	18
340	0	7	4	5	45	6	24	0	16	1	5	1	57	5	26	32	7	36
350	0	8	8	5	39	7	0	0	17	1	3	1	54	5	35	38	7	42
360	0	9	18	5	39	7	6	0	18	1	0	1	51	5	44	40	7	48
370	0	10	29	5	36	7	8	0	18	1	0	1	51	5	52	41	8	0
378	0	11	26	5	30	7	8	0	18	1	2	2	0	0	0	54	8	18

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	0									10								
	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			minue		adde		adde		meri.		adde		☉			adde	
0	5	59	1	5	42	7	12	0	18	1	4	1	54	0	0	40	8	6
10	0	0	13	5	42	7	0	0	18	1	4	1	48	0	9	43	8	0
20	0	1	23	5	42	6	42	0	17	1	4	1	48	0	18	44	8	0
30	0	2	30	5	42	6	18	0	16	1	4	1	48	0	27	54	7	48
40	0	3	33	5	36	6	0	0	15	1	5	1	54	0	37	2	7	30
50	0	4	33	5	36	5	30	0	14	1	6	1	54	0	46	12	7	6
60	0	5	38	5	48	4	48	0	12	1	6	1	54	0	55	22	7	6
70	0	6	16	5	48	3	54	0	10	1	7	2	0	1	4	40	6	42
80	0	6	55	5	48	3	12	0	8	1	9	2	6	1	14	1	6	12
90	0	7	27	5	48	2	6	0	5	1	9	2	6	1	23	24	5	54
100	0	7	48	5	54	1	12	0	3	1	12	2	18	1	32	56	5	30
110	0	8	0	6	0	0	30	0	1	1	14	2	24	1	42	32	5	18

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Dies	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Equo	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd'			minue		minue		minue		sept.		minue		☉			adde	
118	0	8	4	6	18	0	0	0	0	1	15	2	30	1	50	13	5	36
120	0	8	4	6	18	0	54	0	2	1	15	2	30	1	52	13	5	24
130	0	7	55	6	18	1	48	0	4	1	15	2	30	2	2	4	4	54
140	0	7	37	6	30	2	48	0	7	1	17	2	36	2	11	59	4	54
150	0	7	9	6	36	3	30	0	9	1	18	2	42	2	22	3	4	48
160	0	6	34	6	36	4	0	0	10	1	18	2	42	2	32	11	4	36
170	0	5	54	6	42	4	36	0	11	1	18	2	42	2	42	23	4	30
180	0	5	8	6	42	4	54	0	12	1	17	2	42	2	52	41	4	30
190	0	4	19	6	42	4	42	0	12	1	16	2	42	3	2	59	4	36
200	0	3	32	6	42	4	18	0	11	1	15	2	42	3	13	17	4	30
210	0	2	49	6	48	3	54	0	10	1	14	2	33	3	23	29	4	48
220	0	2	19	6	42	3	6	0	8	1	11	2	33	3	33	40	5	0
230	0	1	39	6	42	2	18	0	6	1	9	2	33	3	43	42	5	0
240	0	1	16	6	24	1	18	0	3	1	8	2	33	3	53	42	5	0
250	0	1	3	6	18	0	26	0	1	1	6	2	33	4	3	34	5	12
	Directus					adde		adde										
257	0	1	0	6	15	0	40	0	2	1	4	2	33	4	10	24	5	12
260	0	1	2	6	15	0	42	0	2	1	2	2	30	4	13	15	5	36
270	0	1	9	6	6	1	42	0	4	1	0	2	24	4	22	53	5	48
280	0	1	26	6	0	2	42	0	7	0	56	2	24	4	32	24	6	0
290	0	1	53	5	48	3	36	0	9	0	54	2	12	4	41	48	6	6
300	0	2	29	5	45	4	36	0	11	0	51	2	6	4	51	7	6	36
310	0	3	15	5	45	5	12	0	13	0	50	2	3	5	0	21	6	54
320	0	4	7	5	45	5	36	0	14	0	48	2	3	5	9	31	7	18
330	0	5	3	5	24	6	18	0	16	0	46	2	0	5	18	42	7	12
340	0	6	6	5	24	6	36	0	17	0	45	1	54	5	27	48	7	30
350	0	7	12	5	24	6	54	0	17	0	44	1	54	5	36	55	7	30
360	0	8	21	5	27	7	12	0	18	0	42	1	48	5	45	58	7	51
370	0	9	33	5	27	7	12	0	18	0	41	1	48	5	55	1	7	51
378	0	10	31	5	24	7	12	0	18	0	42	1	48	0	0	17	8	12

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
0	5	58	4	5	18	7	12	0	18	0	45	1	48	0	2	1	7	36
10	5	59	16	5	15	7	0	0	18	0	46	1	54	0	11	3	7	24
20	0	0	26	5	15	6	42	0	17	0	46	2	0	0	20	7	7	18
30	0	1	33	5	15	6	24	0	16	0	46	2	0	0	29	12	7	12
40	0	2	37	5	15	6	0	0	15	0	46	2	6	0	38	17	6	42
50	0	3	37	5	15	5	18	0	13	0	47	2	12	0	47	23	6	30
60	0	4	30	5	24	4	48	0	12	0	47	2	12	0	56	34	6	18
70	0	5	18	5	24	3	54	0	10	0	47	2	12	1	5	47	5	48
80	0	5	57	5	30	3	12	0	8	0	48	2	18	1	15	3	5	36
90	0	6	29	5	42	2	0	0	5	0	48	2	18	1	24	23	5	18
100	0	6	49	5	48	1	6	0	3	0	49	2	24	1	33	51	5	12
110	0	7	0	5	54	0	10	0	0	0	50	2	36	1	43	25	5	0
	retrogd⁹					minue		minue										
116	0	7	1	5	54	0	0	0	0	0	50	2	36	1	49	13	4	30
120	0	7	1	5	54	0	54	0	2	0	50	2	36	1	52	7	4	30
130	0	6	52	6	0	2	0	0	5	0	50	2	36	2	2	53	4	24
140	0	6	32	6	6	2	54	0	7	0	51	2	42	2	12	48	4	24
150	0	6	3	6	9	3	30	0	9	0	51	2	42	2	22	51	4	6
160	0	5	28	6	12	4	6	0	10	0	51	2	42	2	32	57	4	0
170	0	4	47	6	12	4	36	0	11	0	51	2	42	2	43	8	4	6
180	0	4	1	6	18	4	54	0	12	0	50	2	42	2	53	26	4	12
190	0	3	12	6	24	4	42	0	12	0	49	2	42	3	3	49	4	12
200	0	2	25	6	18	4	24	0	11	0	48	2	42	3	14	2	4	18
210	0	1	41	6	12	3	48	0	9	0	48	2	42	3	24	17	4	30
220	0	1	3	6	6	3	6	0	8	0	46	2	48	3	34	30	4	24
230	0	0	32	6	0	2	12	1	5	0	44	2	42	3	44	32	4	36
240	0	0	12	5	54	1	12	0	3	0	42	2	33	3	54	32	4	48
250	0	0	0	5	54	0	24	0	1	0	40	2	33	4	4	26	5	12
	Direct⁹					adde		adde										
256	5	59	58	5	54	0	6	0	0	0	38	2	30	4	10	18	5	30
260	5	59	59	5	42	0	54	0	2	0	37	2	24	4	14	11	5	24
270	0	0	8	5	42	1	48	0	4	0	36	2	24	4	23	51	5	42

0 20

	Locus			Eq̃tio		ad vi.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			mine		adde		adde		sept.		mine		☉			adde	
280	0	0	26	5	30	2	51	0	7	0	35	2	18	4	33	24	5	48
290	0	0	55	5	30	3	42	0	9	0	32	2	12	4	42	49	6	24
300	0	1	32	5	24	4	36	0	11	0	30	2	6	4	52	13	6	36
310	0	2	18	5	6	5	6	0	13	0	30	2	6	5	1	30	6	36
320	0	3	9	5	0	6	0	0	15	0	27	1	57	5	10	44	6	48
330	0	4	9	5	0	6	18	0	16	0	26	1	57	5	19	54	7	6
340	0	5	12	4	54	6	36	0	17	0	26	1	57	5	29	3	7	0
350	0	6	18	4	54	6	48	0	17	0	25	1	57	5	38	10	7	18
360	0	7	26	4	36	7	18	0	18	0	24	1	57	5	47	17	7	0
370	0	8	39	4	36	7	18	0	18	0	23	1	57	5	56	19	6	48
378	0	9	37	4	36	7	18	0	18	0	24	2	0	0	3	33	6	36

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	Locus			Eq̃tio		ad vi.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			mine		adde		adde		sept.		mine		☉			adde	
0	5	57	11	4	48	7	18	0	18	0	27	1	54	0	3	17	7	6
10	5	58	24	4	48	7	0	0	17	0	27	1	54	0	12	17	6	54
20	5	59	34	4	51	6	36	0	16	0	26	1	54	0	21	20	6	48
30	0	0	40	4	51	6	30	0	16	0	26	1	54	0	30	24	6	24
40	0	1	45	5	0	6	0	0	15	0	26	2	0	0	39	24	6	18
50	0	2	45	5	0	5	6	0	13	0	26	2	0	0	48	38	5	54
60	0	3	36	4	48	4	48	0	12	0	25	2	0	0	57	37	5	12
70	0	4	24	4	42	3	48	0	10	0	25	2	0	1	6	45	4	48
80	0	5	2	4	54	3	0	0	8	0	25	2	6	1	15	59	4	30
90	0	5	32	4	54	1	54	0	5	0	25	2	12	1	25	16	4	24
100	0	5	51	4	54	1	0	0	3	0	25	2	12	1	34	43	3	48
110	0	6	1	4	54	0	24	0	1	0	24	2	12	1	44	15	3	30

Residuū. ♄

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Di	Locus			Eq̃tio		ad vi.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			mīue		mīue		mīue		sept.		mīue		☉			adde	
115	0	6	3	5	6	0	12	0	1	0	24	2	18	1	49	8	3	48
120	0	6	2	5	6	1	1	0	3	0	24	2	24	1	53	52	3	30
130	0	5	50	5	6	2	12	0	5	0	24	2	24	2	3	37	3	12
140	0	5	30	5	12	2	48	0	7	0	24	2	24	2	13	32	3	26
150	0	5	2	5	24	3	36	0	9	0	24	2	42	2	23	32	3	12
160	0	4	26	5	24	4	6	0	10	0	24	2	42	2	33	37	3	18
170	0	3	45	5	33	4	42	0	12	0	24	2	42	2	43	49	3	42
180	0	2	58	5	33	5	0	0	13	0	23	2	54	2	54	8	3	18
190	0	2	8	5	36	4	36	0	12	0	22	2	48	3	4	27	3	36
200	0	1	22	5	42	4	18	0	11	0	21	2	42	3	14	45	4	0
210	0	0	39	5	36	3	42	0	9	0	21	2	42	3	25	2	3	54
220	0	0	2	5	30	3	0	0	7	0	18	2	42	3	35	14	4	36
230	5	59	32	5	27	1	54	0	5	0	17	2	36	3	45	21	4	24
240	5	59	13	5	27	1	12	0	3	0	17	2	36	3	55	20	4	54
250	5	59	1	5	12	0	24	0	1	0	16	2	24	4	5	18	4	54
	Direct⁹					adde		adde										
256	5	58	59	5	12	0	36	0	1	0	13	2	18	4	11	13	5	0
260	5	59	2	5	12	0	54	0	2	0	13	2	18	4	15	5	5	12
270	5	59	11	5	6	2	0	0	5	0	12	2	18	4	24	48	5	24
280	5	59	31	5	6	2	54	0	7	0	12	2	18	4	34	22	6	0
290	0	0	0	4	48	3	48	0	9	0	10	2	12	4	43	53	6	0
300	0	0	38	4	42	4	54	0	11	0	9	2	12	4	53	19	6	12
310	0	1	27	4	36	5	12	0	13	0	9	2	12	5	2	36	6	30
320	0	2	19	4	33	6	0	0	15	0	7	2	6	5	11	52	6	36
330	0	3	19	4	33	6	24	0	16	0	7	2	6	5	21	5	6	42
340	0	4	23	4	24	6	36	0	17	0	6	2	0	5	30	13	6	48
350	0	5	29	4	18	7	6	0	18	0	5	2	0	5	39	23	6	42
360	0	6	40	4	12	7	18	0	18	0	4	1	54	5	48	27	6	24
370	0	7	53	4	12	7	18	0	18	0	4	1	54	5	57	27	6	24
378	0	8	51	4	12	7	18	0	18	0	4	2	0	0	4	39	6	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			mĩue		adde		adde		sept.		mĩue		☉			adde	
0	5	56	23	4	18	7	18	0	18	0	8	1	48	1	4	27	6	24
10	5	57	36	4	18	6	54	0	17	0	8	2	0	0	13	26	6	12
20	5	58	45	4	15	6	36	0	16	3	7	2	0	0	22	28	5	42
30	5	59	51	4	9	6	24	0	16	0	7	2	0	0	31	28	5	18
40	0	0	55	4	6	6	0	0	15	0	6	2	0	0	40	27	5	0
50	0	1	55	4	12	5	18	0	13	0	6	2	6	0	49	27	4	36
60	0	2	48	4	15	4	54	0	12	0	5	2	6	0	58	29	4	18
70	0	3	37	4	21	3	36	0	9	0	5	2	12	1	7	33	4	0
80	0	4	12	4	21	3	0	0	7	0	4	2	18	1	16	44	3	42
90	0	4	42	4	21	1	54	0	5	0	3	2	18	1	26	0	3	12
100	0	5	2	4	24	1	0	0	2	0	3	2	30	1	35	21	3	0
110	0	5	12	4	36	0	0	0	0	0	2	2	33	1	44	50	3	0
	retrog̃dꝰ					mĩue		mĩue										
114	0	5	12	4	36	0	10	0	0	0	1	2	33	1	48	40	2	54
120	0	5	11	4	39	1	0	0	2	0	0	2	33	1	54	27	2	48
130	0	5	1	4	45	2	12	0	5	0	0	2	33	2	4	10	2	48
										meri.		adde						
140	0	4	39	4	45	3	6	0	8	0	0	2	54	2	14	3	2	36
150	0	4	8	4	45	3	36	0	9	0	3	2	39	2	24	4	2	36
160	0	3	33	4	45	4	18	0	11	0	3	2	39	2	34	10	2	36
170	0	2	49	4	45	4	36	0	12	0	3	3	0	2	44	26	2	24
180	0	2	3	4	45	5	6	0	13	0	6	2	42	2	54	41	2	48
190	0	1	12	4	45	4	42	0	12	0	6	2	42	3	5	3	3	6
200	0	0	25	4	42	4	12	0	11	0	6	2	48	3	15	25	3	0
210	5	59	43	4	42	3	36	0	9	0	6	2	54	3	25	41	3	18
220	5	59	7	4	42	3	0	0	7	0	9	2	36	3	35	55	3	36
230	5	58	37	4	42	1	54	0	5	0	9	2	36	3	46	5	4	6
240	5	58	18	4	36	0	54	0	2	0	9	2	36	3	56	9	4	12
250	5	58	9	4	30	0	45	0	2	0	10	2	33	4	6	7	4	30
	Directꝰ					adde		adde										
254	5	58	6	4	27	0	40	0	2	0	10	2	33	4	10	6	4	36
260	5	58	10	4	27	1	0	0	3	0	10	2	33	4	15	57	4	48

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
es	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
	Direct⁹			mine		adde		adde		mer⁹		adde		⊙			adde	
270	5	58	20	4	18	2	0	0	5	0	11	2	33	4	25	42	5	12
280	5	58	40	4	12	3	12	0	8	0	11	2	24	4	35	22	5	24
290	5	59	12	4	12	3	54	0	10	0	12	2	12	4	44	53	5	42
300	5	59	31	4	6	5	10	0	12	0	13	2	6	4	54	21	6	0
310	0	0	41	4	6	5	18	0	13	0	43	2	6	5	3	41	6	12
320	0	12	34	4	0	5	54	0	15	0	14	1	54	5	12	58	6	6
330	0	2	33	3	51	6	36	0	17	0	14	1	54	5	22	12	6	12
340	0	3	39	3	51	6	42	0	17	0	14	1	54	5	31	21	6	18
350	0	4	46	3	48	7	12	0	18	0	15	1	48	5	40	30	6	0
360	0	5	58	3	48	7	18	0	18	0	15	1	48	5	49	31	6	0
370	0	7	11	3	36	7	18	0	18	0	15	1	48	5	58	31	5	36
378	0	8	9	3	18	7	18	0	18	0	15	1	54	0	5	43	5	6

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
es	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
	Direct⁹			mine		adde		adde		meri.		adde		⊙			adde	
	5	55	40	3	45	7	18	0	18	0	10	2	6	0	5	35	5	36
10	5	56	53	3	51	7	0	0	17	0	12	1	54	0	14	28	5	24
20	5	58	3	3	48	6	42	0	17	0	13	1	54	0	23	25	5	0
30	5	59	10	3	48	6	24	0	16	0	13	2	0	0	32	21	4	36
40	0	0	14	3	48	5	54	0	15	0	14	2	6	0	42	17	4	12
50	0	1	13	3	48	5	18	0	13	0	15	2	6	0	50	13	3	54
60	0	2	6	3	42	4	42	0	12	0	16	2	6	0	59	12	3	18
70	0	2	53	3	42	3	42	0	9	0	17	2	6	1	8	13	3	6
80	0	3	30	3	42	2	54	0	7	0	19	2	12	1	17	21	2	36
90	0	3	59	3	48	1	54	0	5	0	20	2	12	1	26	32	2	24
100	0	4	18	3	48	0	48	0	2	0	22	2	21	1	35	51	2	12
110	0	4	26	3	48	0	20	0	1	0	24	2	24	1	45	20	2	0

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	Locus			Eq̃tio		ad i.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃uo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			mīne		miuc		miuc		meri.		adde		☉			adde	
113	0	4	27	3	48	0	17	0	1	0	24	2	30	1	48	11	1	54
120	0	4	25	3	48	1	12	0	3	0	25	2	30	1	54	55	1	48
130	0	4	13	3	48	2	12	0	5	0	26	3	33	2	4	38	1	36
140	0	3	51	3	54	3	0	0	7	0	29	2	33	2	14	19	1	48
150	0	3	21	3	54	3	36	0	9	0	29	2	42	2	24	30	1	54
160	0	2	45	4	6	4	24	0	11	0	30	2	45	2	34	36	1	54
170	0	2	1	4	12	4	36	0	12	0	33	2	45	2	44	50	2	12
180	0	1	15	4	12	5	6	0	13	0	33	2	51	2	55	9	2	30
190	0	0	24	4	12	4	36	0	12	0	33	2	57	3	5	34	2	36
200	5	59	38	4	12	4	12	0	10	0	34	2	57	3	15	55	2	48
210	5	58	56	4	6	3	36	0	9	0	35	2	51	3	26	14	3	0
220	5	58	20	4	3	3	0	0	7	0	35	2	48	3	36	31	3	30
230	5	57	50	4	3	2	48	0	5	0	35	2	45	3	46	46	3	42
240	5	57	32	3	57	1	48	0	2	0	35	2	39	3	56	51	4	0
250	5	57	24	3	54	0	30	0	1	0	35	2	39	4	6	52	4	18
	Direct⁹					adde		adde										
254	5	57	22	3	54	0	30	0	1	0	35	2	30	4	10	52	4	18
260	5	57	25	3	48	1	12	0	3	0	36	2	24	4	16	45	4	42
270	5	57	37	3	42	2	6	0	5	0	36	2	18	4	26	34	4	54
280	5	57	58	3	36	3	12	0	8	0	35	2	15	4	36	16	5	6
290	5	58	30	3	30	4	0	0	10	0	34	2	15	4	45	50	5	24
300	5	59	10	3	21	5	0	0	12	0	34	2	12	4	55	21	5	24
310	0	0	0	3	21	5	24	0	13	0	24	2	9	5	4	43	5	36
320	0	0	54	3	18	6	6	0	15	0	33	2	9	5	13	59	5	42
330	0	1	55	3	6	6	30	0	16	0	33	2	9	5	23	19	5	30
340	0	3	0	3	0	6	48	0	17	0	33	2	9	5	32	24	5	12
350	0	4	8	2	54	7	12	0	18	0	33	2	9	5	41	30	5	6
360	0	5	20	2	48	7	30	0	19	0	33	2	3	5	50	21	4	48
370	0	6	35	2	48	7	34	0	19	0	34	2	0	5	59	27	4	24
378	0	7	36	2	54	7	34	0	19	0	34	2	6	0	6	24	4	0

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			minue		adde		adde		mer.		adde		☉			adde	
0	5	55	3	2	57	7	6	0	18	0	31	1	48	0	6	27	4	30
10	5	56	14	2	57	7	6	0	18	0	31	1	54	0	15	22	4	0
20	5	57	25	2	48	6	42	0	17	0	32	1	57	0	24	15	3	36
30	5	58	32	2	48	6	24	0	16	0	33	1	57	0	33	7	3	12
40	5	59	36	2	42	5	54	0	15	0	35	1	57	0	41	59	2	48
50	0	0	35	2	36	5	24	0	13	0	36	2	6	0	50	52	2	12
60	0	1	29	2	30	4	42	0	12	0	37	2	12	0	59	45	1	54
70	0	2	16	2	30	3	42	0	9	0	38	2	18	1	8	44	1	24
80	0	2	53	2	30	2	48	0	7	0	41	2	24	1	17	47	1	6
90	0	3	21	2	27	1	54	0	5	0	42	2	33	1	26	56	0	48
100	0	3	40	2	27	0	48	0	2	0	46	2	33	1	36	13	0	42
110	0	3	48	2	36	0	48	0	2	0	48	2	39	1	45	40	0	36
	retrog̃d⁹					minue		minue										
113	0	3	50	2	30	0	26	0	1	0	49	2	42	1	48	30	0	30
120	0	3	45	2	36	1	12	0	3	0	50	2	45	1	55	13	2	24
130	0	3	35	2	36	2	18	0	6	0	52	2	45	2	4	54	0	30
140	0	3	12	2	36	3	6	0	8	0	54	2	51	2	14	47	0	30
150	0	2	41	2	45	3	42	0	9	0	56	2	57	2	24	49	0	30
160	0	2	4	2	45	4	30	0	11	0	58	2	57	2	34	55	0	48
170	0	1	19	2	45	4	16	0	12	1	0	2	57	2	45	12	0	54
180	0	0	33	2	45	5	12	0	13	1	1	2	57	2	55	34	1	6
190	5	59	41	2	45	4	30	0	11	1	3	2	57	3	6	0	1	18
200	5	58	56	2	51	4	6	0	10	1	3	2	57	3	16	23	1	42
210	5	58	15	3	0	3	36	0	9	1	3	2	57	3	26	44	2	24
220	5	57	39	2	57	3	0	0	7	1	3	2	51	3	37	6	2	36
230	5	57	9	2	48	1	36	0	4	1	3	2	51	3	47	23	2	54
240	5	56	53	2	48	0	54	0	2	1	1	2	48	3	57	31	3	12
250	5	56	44	2	39	0	0	0	0	1	0	2	42	4	7	35	3	36
	Direct⁹					adde		adde										
253	5	56	44	2	39	0	26	0	1	1	0	2	39	4	10	35	3	42
260	5	56	47	2	39	1	18	0	3	1	0	2	33	4	17	32	3	54

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Di	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	Direct⁹			mine		adde		adde		meri.		adde		☉			adde	
270	5	57	0	2	30	2	12	0	5	0	59	2	30	4	27	23	4	0
280	5	57	22	2	24	3	18	0	8	0	57	2	27	4	37	7	4	18
290	5	57	55	2	15	4	12	0	10	0	57	2	12	4	46	44	4	18
300	5	58	37	2	15	4	54	0	12	0	56	2	3	4	56	15	4	30
310	5	59	36	2	0	5	30	0	14	0	55	2	3	5	5	39	4	18
320	0	0	21	1	54	6	18	0	16	0	55	2	0	5	14	56	4	18
330	0	1	24	1	54	6	36	0	17	0	55	1	48	5	24	9	4	6
340	0	2	30	1	51	6	54	0	17	0	55	1	45	5	33	16	4	6
350	0	3	39	1	48	7	18	0	18	0	55	1	45	5	42	21	3	48
360	0	4	52	1	45	7	30	0	19	0	54	1	45	5	51	19	3	18
370	0	6	7	1	36	7	32	0	19	0	54	1	45	0	0	11	3	0
378	0	7	7	1	24	7	32	0	19	0	54	1	42	0	7	14	2	42

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Di	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	Direct⁹			mine		adde		adde		meri.		adde		☉			adde	
0	5	54	33	1	48	7	18	0	18	0	49	1	48	0	7	12	3	6
10	5	55	46	1	36	7	6	0	18	0	50	1	48	0	16	2	2	24
20	5	56	57	1	24	6	42	0	17	0	52	1	51	0	24	51	2	0
30	5	58	4	1	24	6	30	0	16	0	53	1	51	0	33	39	1	30
40	5	59	9	1	24	6	0	0	15	0	55	1	51	0	42	27	1	6
50	0	0	9	1	24	5	30	0	14	0	57	1	54	0	51	14	0	48
60	0	1	4	1	24	4	42	0	12	0	59	2	3	1	0	4	0	18
70	0	1	51	1	24	3	42	0	9	1	1	2	3	1	8	58	0	0
																	mine	
80	0	2	28	1	24	2	54	0	7	1	5	2	3	1	17	58	0	12
90	0	2	57	1	24	1	48	0	4	1	8	2	3	1	27	4	0	24
100	0	3	15	1	18	0	42	0	2	1	11	2	9	1	36	20	0	42
110	0	3	22	1	12	0	30	0	1	1	15	2	9	1	45	46	0	24

Residuum h

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	retrogd'			mīue		mīue		mīue		meri.		adde		☉			mīue	
114	0	3	24	1	12	0	30	0	1	1	16	2	9	1	49	32	1	0
120	0	3	21	1	18	1	12	0	3	1	17	2	15	1	55	17	0	48
130	0	3	9	1	21	2	18	0	6	1	20	2	21	2	4	59	0	48
140	0	2	46	1	21	3	12	0	8	1	23	2	21	2	14	52	0	54
150	0	2	14	1	21	3	42	0	9	1	26	2	21	2	24	54	0	42
160	0	1	37	1	24	4	30	0	11	1	27	2	30	2	35	3	0	30
170	0	0	52	1	30	4	42	0	12	1	28	2	42	2	45	21	0	6
																	adde	
180	0	0	5	1	30	5	6	0	13	1	30	2	30	2	55	45	0	6
190	5	59	14	1	30	4	36	0	12	1	32	2	18	3	6	13	0	54
200	5	58	28	1	36	4	18	0	11	1	32	2	18	3	16	40	1	6
210	5	57	45	1	36	3	36	0	9	1	33	2	18	3	27	8	1	12
220	5	57	9	1	30	2	48	0	7	1	31	2	18	3	37	32	1	36
230	5	56	41	1	27	1	36	0	4	1	31	2	9	3	47	52	1	48
240	5	56	25	1	24	0	48	0	2	1	29	2	9	3	58	3	2	18
250	5	56	17	1	24	0	36	0	1	1	27	2	6	4	8	11	2	36
	Directus					adde		adde										
251	5	56	16	1	24	0	27	0	2	1	27	2	6	4	9	12	2	42
260	5	56	20	1	24	1	30	0	4	1	25	2	6	4	18	11	2	54
370	5	56	35	1	24	2	18	0	6	1	24	1	54	4	28	3	3	18
280	5	56	58	1	18	3	30	0	9	1	22	1	51	4	37	50	3	24
290	5	57	33	1	12	4	6	0	10	1	19	1	51	4	47	27	3	24
300	5	58	14	1	12	5	12	0	13	1	16	1	51	4	57	0	3	30
310	5	59	6	1	6	6	36	0	14	1	16	1	39	5	6	22	3	30
320	0	0	2	1	0	6	18	0	16	1	15	1	39	5	15	39	3	12
330	0	1	5	0	54	6	36	0	16	1	13	1	39	5	24	50	3	6
340	0	2	11	0	45	7	0	0	17	1	12	1	36	5	33	57	2	42
350	0	3	21	0	42	7	24	0	18	1	12	1	33	5	42	59	2	18
360	0	4	35	0	36	7	36	0	19	1	12	1	36	5	51	52	2	6
370	0	5	51	0	30	7	44	0	19	1	11	1	39	0	0	41	1	36
378	0	6	53	0	30	7	44	0	19	1	11	1	36	0	7	41	1	24

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			minue		adde		adde		meri.		adde		☉			adde	
0	5	54	15	0	42	7	30	0	19	1	7	1	24	0	7	42	1	30
10	5	55	30	1	42	7	6	0	18	1	8	1	27	0	16	26	1	6
20	5	56	41	0	36	6	54	0	17	1	11	1	27	0	25	11	0	42
30	5	57	50	0	36	6	24	0	16	1	12	1	27	0	33	54	0	12
																	minue	
40	5	58	54	0	36	6	9	0	15	1	13	1	33	0	42	38	0	6
50	5	59	55	0	27	5	30	0	14	1	16	1	39	0	51	22	0	36
60	0	0	50	0	18	4	42	0	12	1	20	1	39	1	0	7	1	6
70	0	1	37	0	18	3	42	0	7	1	22	1	45	1	8	58	1	18
80	0	2	14	0	12	2	54	0	7	1	25	1	54	1	17	56	1	36
90	0	2	43	0	12	1	54	0	5	1	28	1	57	1	27	0	1	48
100	0	3	2	0	6	0	48	0	2	1	33	1	57	1	36	13	2	6
110	0	3	10	0	6	0	30	0	1	1	36	1	57	1	45	36	2	0
	retrogd°					minue		minue										
112	0	3	12	0	3	0	40	0	2	1	37	2	6	1	49	22	2	6
120	0	3	8	0	3	1	18	0	3	1	39	2	9	1	55	9	2	0
130	0	2	55	0	0	2	12	0	5	1	43	2	12	2	4	52	2	12
140	0	2	33	0	0	3	12	0	8	1	46	2	12	2	14	43	2	0
150	0	2	1	0	0	3	48	0	9	1	49	2	15	2	24	47	1	48
160	0	1	23	0	3	4	24	0	11	1	52	2	15	2	34	58	1	30
170	0	0	37	0	3	4	42	0	12	1	55	2	15	2	45	20	1	24
180	5	59	50	0	6	5	6	0	13	1	55	2	21	2	55	46	1	0
190	5	58	59	0	6	4	48	0	12	1	55	2	21	3	6	17	0	30
200	5	58	11	0	6	4	12	0	10	5	55	2	21	3	16	51	0	18
																	adde	
210	5	57	29	0	6	3	30	0	9	1	56	2	9	3	27	20	0	12
220	5	56	54	0	12	2	42	0	7	1	54	2	0	3	37	48	0	36
230	5	56	27	0	12	1	36	0	4	1	52	1	54	3	48	10	1	6
240	5	56	11	0	12	0	48	0	2	1	51	1	51	3	58	26	1	30
250	5	56	3	0	18	0	48	0	2	1	48	1	51	4	8	37	1	48

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m	2
es	Direct⁹			minu		adde		adde		meri.		adde		☉			adde	
251	5	56	2	0	18	0	27	0	1	1	48	1	51	4	9	39	2	0
260	5	56	6	0	6	1	30	0	4	1	46	1	51	4	18	40	2	0
270	5	56	21	0	6	2	24	0	6	1	43	1	51	4	28	36	2	12
280	5	56	45	0	6	3	36	1	9	1	40	1	48	4	38	24	2	18
290	5	57	21	0	3	4	6	0	10	1	38	1	42	4	48	1	2	30
300	5	58	2	0	3	5	18	0	13	1	35	1	36	4	57	35	2	24
310	5	58	55	0	0	5	42	0	14	1	32	1	30	5	6	57	2	18
320	5	59	52	0	0	6	24	0	16	1	31	1	18	5	16	11	2	12
330	0	0	56	0	6	6	48	0	17	1	30	1	15	5	25	21	1	54
340	0	2	4	0	12	7	0	0	18	1	28	1	15	5	34	24	1	24
350	0	3	14	0	18	7	30	0	19	1	28	1	15	5	42	22	1	6
360	0	4	29	0	18	7	42	0	19	1	28	1	12	5	52	22	0	48
370	0	5	46	0	24	7	48	0	19	1	28	1	6	0	0	57	0	12
																	minue	
378	0	6	48	0	30	7	48	0	19	1	27	1	12	0	7	55	0	18

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Direct⁹			adde		adde		adde		meri.		adde		☉			adde	
0	5	54	8	0	18	7	30	0	19	1	21	1	42	0	7	57	0	6
																	minue	
10	5	54	23	0	24	7	12	0	18	1	23	1	36	0	16	37	0	18
20	5	56	35	0	30	6	54	0	17	1	25	1	30	0	25	18	0	54
30	5	57	44	0	36	6	30	0	16	1	27	1	30	0	33	56	1	18
40	5	58	49	0	42	6	6	0	15	1	28	1	30	0	42	37	1	48
50	5	59	50	0	48	5	42	0	14	1	33	1	30	0	51	10	2	12
60	0	0	47	0	48	4	42	0	12	1	36	1	36	0	59	56	2	24
70	0	1	34	0	54	3	48	0	9	1	39	1	36	1	8	45	2	42
80	0	2	12	1	0	2	54	0	7	1	44	1	39	1	17	40	3	0
90	0	2	41	1	6	2	0	0	5	1	48	1	48	1	26	42	3	18
100	0	3	1	1	6	0	48	0	2	1	52	1	48	1	35	52	3	12
110	0	3	9	1	12	0	45	0	2	1	56	1	42	1	45	16	3	18

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd⁹			adde		minue		minue		meri.		adde		⊙			minue	
114	0	3	12	1	12	0	50	0	2	1	58	1	42	1	49	1	3	18
120	0	3	7	1	12	1	12	0	3	2	1	1	39	1	54	49	3	30
130	0	2	55	1	12	2	12	0	5	2	5	1	39	2	4	30	3	12
140	0	2	33	1	9	3	12	0	8	2	8	1	57	2	14	23	2	54
150	0	2	1	1	9	3	54	0	10	2	11	1	57	2	24	29	2	42
160	0	1	22	1	6	4	30	0	11	2	15	1	57	2	34	43	2	30
170	0	0	37	1	6	4	48	0	12	2	17	1	57	2	45	6	2	0
180	5	59	49	1	6	5	6	0	13	2	19	1	57	2	55	36	1	42
190	5	58	58	1	3	4	48	0	12	2	18	2	3	3	6	12	1	24
200	5	58	10	1	3	4	12	0	11	2	18	2	0	3	16	48	1	c
210	5	57	28	1	0	3	36	0	9	2	17	1	48	3	27	22	0	36
220	5	56	52	0	54	2	42	0	7	2	14	1	45	3	37	54	0	0
																	adde	
230	5	56	25	0	48	1	36	0	4	2	11	1	42	3	48	21	0	30
240	5	56	9	0	48	0	54	0	2	2	9	1	42	3	58	41	0	42
250	5	56	0	0	48	0	54	0	2	2	7	1	27	4	8	55	1	6
	Directus					adde		adde										
251	5	55	59	0	48	0	36	0	2	2	6	1	27	4	9	59	0	54
260	5	56	5	0	48	1	30	0	4	2	4	1	27	4	19	0	1	18
270	5	56	20	0	48	2	24	0	6	2	1	1	24	4	28	58	1	18
280	5	56	44	0	48	3	30	0	9	1	58	1	21	4	38	47	1	30
290	5	57	19	0	57	4	18	0	11	1	55	1	15	4	48	26	1	24
300	5	58	2	0	57	5	18	0	13	1	51	1	12	4	57	59	1	18
310	5	58	55	0	57	5	42	0	14	1	47	1	12	5	7	20	1	12
320	5	59	52	1	6	6	30	0	16	1	44	1	6	5	16	33	0	54
330	0	0	57	1	12	6	54	0	17	1	42	1	6	5	25	40	0	24
340	0	3	6	1	12	7	6	0	18	1	41	1	3	5	34	38	0	12
																	minue	
350	0	3	17	1	18	7	30	0	19	1	41	1	3	5	43	33	0	12
360	0	4	32	1	30	7	48	0	20	1	40	1	15	5	52	20	0	54
370	0	5	50	1	30	7	55	0	20	1	39	1	12	0	0	59	1	18
378	0	6	53	1	30	7	55	0	20	1	39	1	12	0	7	52	1	42

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	Locus			Eq̃tio		ad Di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri		adde			⊙		minue	
0	5	54	11	1	18	7	36	0	19	1	38	1	3	0	7	58	1	12
10	5	55	27	1	24	7	18	0	18	1	39	1	3	0	16	34	1	48
20	5	56	40	1	30	7	0	0	17	1	40	1	3	0	25	9	2	12
30	5	57	50	1	30	6	36	0	16	1	42	1	3	0	33	43	2	36
40	5	58	56	1	39	6	12	0	15	1	43	1	3	0	42	19	3	6
50	5	59	58	1	42	5	42	0	14	1	48	0	57	0	50	54	3	18
60	0	0	55	1	48	4	48	0	12	1	52	0	57	0	59	32	3	36
70	0	1	43	1	48	3	54	0	10	1	55	1	15	1	8	18	3	48
80	0	2	22	1	54	3	0	0	7	2	0	1	15	1	17	10	4	6
90	0	3	52	2	0	2	0	0	5	2	6	1	15	1	26	9	4	6
100	0	3	12	2	6	0	54	0	2	2	10	1	18	1	35	20	4	18
110	0	3	21	2	6	0	45	0	2	2	13	1	21	1	44	43	4	18
	retrogd'					minue		minue										
114	0	3	24	2	6	0	40	0	2	2	15	1	24	1	48	28	4	0
120	0	3	20	2	6	1	18	0	3	2	17	1	24	1	54	14	4	6
130	0	3	7	2	9	2	18	0	6	2	22	1	24	2	3	58	3	54
140	0	2	44	2	9	3	12	0	8	2	26	1	24	2	13	54	3	48
150	0	2	12	2	9	3	54	0	9	2	31	1	30	2	24	2	3	30
160	0	1	33	2	9	4	30	0	11	2	34	1	30	2	37	18	3	6
170	0	0	48	2	9	4	48	0	12	2	36	1	30	2	44	46	2	48
180	0	0	0	2	9	5	12	0	13	2	39	1	24	2	55	19	2	36
190	5	59	8	2	9	4	42	0	12	2	39	1	15	3	5	58	2	0
200	5	58	21	2	9	4	18	0	11	2	38	1	12	3	16	38	1	48
210	5	57	38	2	6	3	42	0	9	2	35	1	12	3	27	16	1	12
220	5	57	1	2	6	2	48	0	7	2	32	1	12	3	37	54	0	48
230	5	56	33	2	3	1	36	0	4	2	28	1	27	3	48	26	0	20
240	5	56	17	2	3	0	54	0	2	2	26	1	27	3	58	48	0	6
250	5	56	8	2	3	0	54	0	2	2	21	1	21	4	9	6	0	0

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			adde		adde		adde		meri.		adde		☉			adde	
251	5	56	7	2	3	0	40	0	2	2	20	1	18	4	10	8	0	0
260	5	56	13	2	3	1	30	0	4	2	19	1	15	4	19	13	0	6
270	5	56	28	2	3	2	24	0	6	2	15	1	15	4	29	11	0	24
280	5	56	52	2	3	3	42	0	9	2	12	1	3	4	39	2	0	18
290	5	57	29	2	3	4	18	0	11	2	7	1	0	4	48	48	0	18
300	5	58	12	2	3	5	12	0	13	2	3	0	57	4	58	12	0	6
																	mīue	
310	5	59	4	2	3	5	54	0	15	1	59	0	54	5	7	32	0	6
320	0	0	3	2	9	6	36	0	16	1	55	0	54	5	16	42	0	36
330	0	1	9	2	9	6	54	0	17	1	53	0	51	5	25	44	0	48
340	0	2	18	2	12	7	12	0	18	1	51	0	51	5	34	40	1	6
350	0	3	30	2	21	7	42	0	19	1	52	0	36	5	42	31	1	48
360	0	4	47	2	21	7	48	0	20	1	53	0	30	5	52	11	2	6
370	0	6	5	2	30	7	59	0	20	1	51	0	39	0	0	46	2	48
378	0	7	8	2	42	7	55	0	20	1	51	0	42	0	7	35	3	3

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			mīue	
0	5	54	42	2	18	7	42	0	19	1	48	0	48	0	7	46	2	42
10	5	55	41	2	18	7	24	0	18	1	49	0	51	0	16	16	3	0
20	5	56	55	2	30	7	0	0	17	1	51	0	51	0	24	47	3	36
30	5	58	5	2	36	6	48	0	17	1	53	0	51	0	33	17	4	0
40	5	59	13	2	42	6	12	0	15	1	54	0	51	0	41	48	4	18
50	0	0	15	2	48	5	48	0	14	1	57	0	51	0	50	21	4	36
60	0	1	13	2	48	4	48	0	12	2	2	0	51	0	58	56	4	48
70	0	2	1	3	0	4	0	0	10	2	8	0	51	1	7	40	5	12
80	0	2	41	3	6	3	6	0	8	2	13	0	48	1	16	29	5	12
90	0	3	12	3	6	2	6	0	5	2	18	0	45	1	24	28	5	18
100	0	3	33	3	12	0	54	0	2	2	23	0	45	1	34	37	5	18
110	0	3	42	3	27	0	20	0	1	2	27	0	45	1	44	0	5	30

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Di	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elegatio			Eq̃tio	
es	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
	retrogd⁹			adde		minue		minue		meri.		adde		⊙			minue	
113	0	3	43	3	30	0	17	0	1	1	29	0	54	1	46	51	5	24
120	0	3	41	3	36	1	18	0	3	2	31	1	0	1	53	33	5	24
130	0	3	28	3	42	2	12	0	5	2	36	1	6	2	3	19	5	18
140	0	3	6	3	42	3	18	0	8	2	40	1	6	2	13	16	5	6
150	0	2	33	3	48	3	48	0	9	2	46	0	51	2	23	27	4	42
160	0	1	55	3	54	4	36	0	11	2	49	0	51	2	33	47	4	36
170	0	1	9	4	0	4	42	0	12	2	51	0	51	2	44	18	4	18
180	0	0	22	3	45	5	18	0	13	2	53	0	51	2	54	53	3	42
190	5	59	29	3	42	4	36	0	12	2	51	2	57	3	5	38	3	18
200	5	58	43	3	42	4	24	0	11	2	50	0	57	3	16	20	2	48
210	5	57	59	3	42	3	42	0	9	2	47	0	57	3	27	4	2	24
220	5	57	22	3	33	2	54	0	7	2	44	0	51	3	37	46	2	0
230	5	56	53	3	33	1	36	0	4	2	43	0	42	3	48	21	1	42
240	5	56	37	3	30	0	48	0	2	2	40	0	39	3	58	47	1	24
250	5	56	29	3	24	0	0	0	0	2	34	0	39	4	9	6	1	18
	Direct⁹					adde		adde⁹										
252	5	56	29	3	24	0	30	0	1	2	33	0	36	4	11	8	1	12
260	5	56	33	3	15	1	30	0	4	2	31	0	33	4	19	14	0	54
270	5	56	48	3	15	2	30	0	42	2	27	0	33	4	29	15	0	54
280	5	57	13	3	9	3	36	0	9	2	22	0	33	4	39	5	0	48
290	5	57	49	3	15	4	18	0	11	2	17	0	39	4	48	43	1	12
300	5	58	32	3	15	5	12	0	13	2	12	0	45	4	58	13	1	18
310	5	59	24	3	15	6	6	0	15	2	8	0	45	5	7	31	1	30
320	0	0	21	3	15	6	36	0	16	2	4	0	45	5	16	36	1	54
330	0	1	31	3	15	6	54	0	17	2	1	0	42	5	25	36	2	6
340	0	2	40	3	21	7	24	0	18	2	0	0	39	5	34	29	2	48
350	0	3	54	3	24	7	36	0	19	1	58	0	39	5	43	13	3	12
360	0	5	10	3	33	8	0	0	20	1	58	0	30	5	51	50	3	48
370	0	6	30	3	36	8	8	0	20	1	58	0	24	0	0	19	4	6
378	0	7	35	3	36	8	8	0	20	1	58	0	24	0	7	2	4	19

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	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elongatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
0	5	54	47	3	18	7	42	0	19	1	56	0	33	0	7	19	4	0
10	5	56	4	3	24	7	36	0	19	1	58	0	33	0	15	46	4	30
20	5	57	20	3	30	7	6	0	18	1	59	0	33	0	24	11	4	54
30	5	58	31	3	36	6	54	0	17	2	1	0	33	0	32	37	5	18
40	5	59	40	3	42	6	18	0	16	2	3	0	33	0	41	5	5	30
50	0	0	43	4	0	5	48	0	14	2	6	0	39	0	49	35	6	0
60	0	1	41	4	12	5	0	0	12	2	10	0	39	0	58	8	6	24
70	0	2	31	4	12	4	6	0	10	2	16	0	33	1	6	48	6	18
80	0	3	12	4	18	3	6	0	8	2	21	0	30	1	15	37	6	30
90	0	3	43	4	33	2	12	0	5	2	25	0	30	1	24	35	6	42
100	0	4	5	4	33	1	12	0	3	2	31	0	27	1	33	44	6	30
110	0	4	17	4	33	0	12	0	1	2	35	0	27	1	43	5	6	24
	retrogd⁹					minue		minue										
115	0	4	18	4	48	0	12	0	1	2	38	0	27	1	47	51	6	24
120	0	4	17	4	48	1	12	0	3	2	41	0	24	1	52	39	6	24
13o	0	4	5	4	54	2	12	0	5	2	47	0	21	2	2	26	6	18
140	0	3	43	5	0	3	12	0	8	2	51	0	21	2	12	25	5	54
150	0	3	11	5	6	3	42	0	9	2	54	0	21	2	22	40	5	48
160	0	2	34	5	0	4	30	0	11	2	58	0	21	2	33	1	5	18
170	0	1	49	4	57	4	54	0	12	3	0	0	21	2	43	35	4	48
180	0	1	0	4	57	5	24	0	13	3	1	0	15	2	54	16	4	36
160	0	0	6	4	54	4	36	0	12	3	1	0	15	3	5	5	4	0
200	5	59	20	4	54	4	24	0	11	2	59	0	15	3	15	52	3	36
210	5	58	36	4	54	3	54	0	10	2	57	0	15	3	26	40	3	24
220	5	57	57	4	48	2	48	0	7	2	53	0	15	3	37	26	2	54
230	5	57	29	4	36	1	42	0	4	2	50	0	15	3	48	4	2	30
240	5	57	12	4	30	0	54	0	2	2	46	0	9	3	58	33	2	18
												minue						
250	5	57	3	4	30	0	0	0	0	2	41	0	0	4	8	53	2	6

Residuum ♄

2 0

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		miue		☉			miue	
252	5	57	3	4	30	0	23	0	1	2	39	0	0	4	10	56	2	6
260	5	57	6	4	27	1	30	0	4	2	36	0	0	4	19	5	2	6
270	5	57	21	4	27	2	18	0	6	2	32	0	0	4	29	6	2	6
280	5	57	44	4	27	3	48	0	9	2	28	0	6	4	38	57	2	4
290	5	58	22	4	21	4	12	0	11	2	24	0	12	4	48	31	2	4
300	5	59	4	4	21	5	12	0	13	2	20	0	12	4	58	0	2	12
310	5	59	56	4	21	6	12	0	15	2	15	0	12	5	7	16	3	12
320	0	0	58	4	21	6	30	0	16	2	12	0	12	5	16	17	3	12
330	0	2	3	4	27	7	6	0	18	2	8	0	12	5	25	15	3	54
340	0	3	14	4	27	7	24	0	19	2	6	0	12	5	34	1	4	12
350	0	4	28	4	30	7	48	0	20	2	5	0	12	5	42	41	4	42
360	0	5	46	4	33	8	0	0	20	2	3	0	12	5	51	12	5	0
370	0	7	11	4	36	8	8	0	20	2	2	0	12	5	59	38	5	30
378	0	8	6	4	42	8	8	0	20	2	2	0	12	0	6	19	6	6

♄

2 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		miue		☉			miue	
0	5	55	20	4	36	7	48	0	19	2	2	0	12	0	7	39	5	36
10	5	56	38	4	42	7	42	0	19	2	3	0	12	0	15	1	6	6
20	5	57	55	4	42	7	12	0	18	2	5	0	12	0	23	22	6	24
30	5	59	7	4	57	7	0	0	17	2	7	0	15	0	31	44	6	48
40	0	0	17	4	57	6	36	0	16	2	8	0	15	0	40	10	6	54
50	0	1	23	4	57	6	0	0	15	2	13	0	15	0	48	35	7	6
60	0	2	23	5	0	5	0	0	13	2	16	0	15	0	57	4	7	6
70	0	3	13	5	12	4	12	0	10	2	21	0	18	1	5	45	7	24
80	0	3	55	5	18	3	24	0	8	2	26	0	18	1	14	32	7	24
90	0	4	39	5	24	2	6	0	5	2	30	0	24	1	23	28	7	24
100	0	4	50	5	48	1	18	0	3	2	35	0	30	1	32	39	7	30
110	0	5	3	5	54	0	20	0	1	2	40	0	36	1	42	1	7	30

Residuum ♄

2 10

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogrᵃ			adde		minue		minue		meri.		minue		☉			minue	
115	0	5	5	5	54	0	0	0	0	2	43	0	36	1	46	46	7	24
120	0	5	5	5	54	1	6	0	3	2	45	0	36	1	51	35	7	18
130	0	4	54	6	6	2	6	0	8	2	50	0	39	2	1	23	7	0
140	0	4	33	6	9	3	6	0	5	2	54	0	39	2	11	26	6	54
150	0	4	2	6	9	3	48	0	9	2	58	0	42	2	21	42	6	24
160	0	3	24	6	12	4	36	0	11	3	2	0	48	2	32	8	6	6
170	0	2	38	6	18	4	48	0	12	3	3	0	36	2	42	47	5	48
180	0	1	50	6	18	5	30	0	14	3	3	0	33	2	53	30	5	24
190	0	0	55	6	18	4	36	0	12	3	4	0	33	3	4	25	5	0
200	0	0	9	6	3	4	24	0	11	3	2	0	33	3	15	16	4	36
210	5	59	25	6	3	3	0	0	10	3	0	0	33	3	26	6	4	6
220	5	58	45	6	3	3	0	0	7	2	56	0	33	3	36	57	4	0
230	5	58	15	5	57	1	48	0	4	2	53	0	33	3	47	39	3	42
240	5	57	57	5	48	0	54	0	2	2	48	0	33	3	58	10	3	24
250	5	57	48	5	42	0	0	0	0	2	41	0	33	4	8	32	3	18
	Directᵒ					adde		adde										
253	5	57	48	5	42	0	26	0	1	2	39	0	33	4	10	35	3	18
260	5	57	51	5	36	1	24	0	3	2	36	0	30	4	18	44	3	18
270	5	58	5	5	33	2	24	0	6	2	31	0	27	4	28	45	3	24
280	5	58	29	5	33	3	36	0	9	2	27	0	27	4	38	33	3	42
290	5	59	5	5	24	4	18	0	11	2	22	0	24	4	48	7	3	42
300	5	59	48	5	18	5	24	0	13	2	18	0	24	4	57	33	5	54
310	0	0	42	5	12	5	54	0	14	2	13	0	24	5	6	44	4	12
320	0	1	41	5	18	6	42	0	17	2	10	0	30	5	15	45	4	42
330	0	2	48	5	21	7	8	0	18	2	6	0	39	5	24	36	5	6
340	0	3	58	5	21	7	30	0	19	2	4	0	39	5	33	19	5	36
350	0	5	13	5	21	7	48	0	20	2	3	0	39	5	40	54	5	48
360	0	6	31	5	21	8	6	0	20	2	1	0	33	5	50	22	6	18
370	0	7	52	5	21	8	12	0	20	2	0	0	33	5	58	43	6	36
378	0	8	58	5	12	8	12	0	20	2	0	0	33	0	5	19	6	48

Residuum ♄

2 20

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
Di	S	g	m	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Direct⁹			adde		adde		adde		meri.		minc		☉			minc	
0	5	56	5	5	18	8	18	0	20	2	0	0	24	0	5	43	6	42
10	5	57	25	5	24	7	42	0	19	2	1	0	24	0	14	0	7	6
20	5	58	42	5	36	7	30	0	19	2	3	0	24	0	22	18	7	24
30	5	59	57	5	36	6	54	0	17	2	4	0	30	0	30	36	7	36
40	0	1	6	5	39	6	36	0	16	2	6	0	36	0	39	1	7	48
50	0	2	12	5	51	6	6	0	15	2	10	0	42	0	47	24	8	0
60	0	3	13	5	51	5	12	0	13	2	14	0	48	0	55	53	8	0
70	0	4	5	6	0	4	18	0	11	2	18	0	48	1	4	31	8	6
80	0	4	48	6	6	3	30	0	9	2	23	0	45	1	13	18	8	6
90	0	5	23	6	18	2	30	0	6	2	26	0	42	1	22	14	8	0
100	0	5	48	6	18	1	24	0	3	2	30	0	39	1	31	24	8	0
110	0	6	12	6	24	0	20	0	1	2	34	0	39	1	40	46	7	48
	retrog̈d⁹					minc		minc										
116	0	6	4	6	36	0	0	0	0	2	37	0	48	1	46	31	7	42
120	0	6	4	6	42	0	54	0	2	2	39	0	48	1	50	23	7	36
130	0	5	55	6	48	2	0	0	5	2	43	0	48	2	0	13	7	30
140	0	5	35	7	0	3	12	0	8	2	48	0	54	2	10	17	7	18
150	0	5	3	7	18	3	42	0	9	2	51	0	54	2	20	38	7	12
160	0	4	26	7	3	4	30	0	17	2	54	0	54	2	31	7	6	30
170	0	3	41	7	3	4	48	0	12	2	57	0	54	2	41	49	6	12
180	0	2	53	7	0	5	30	0	14	0	58	0	54	2	52	36	5	42
190	0	1	58	6	51	4	48	0	13	2	58	1	12	3	3	35	5	24
200	0	1	10	6	51	4	30	0	12	2	57	1	12	3	14	30	5	0
210	0	0	25	6	48	3	54	0	10	2	54	1	12	3	25	25	4	42
220	5	59	46	6	48	3	12	0	8	2	51	1	12	3	36	17	4	36
230	5	59	14	6	36	1	54	0	5	2	48	1	6	3	47	2	4	6
240	5	58	55	6	30	1	0	0	2	2	42	1	0	3	57	36	4	12
250	5	58	45	6	21	0	0	0	0	2	36	0	48	4	7	59	4	0

Residuum ♄

2 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Equatio		Elõgatio			Equatio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m	m̃	2	S	g	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
254	5	58	45	6	18	0	15	0	1	2	34	0	48	4	12	5	4	6
260	5	58	47	6	12	1	18	0	3	2	31	0	48	4	18	11	4	6
270	5	59	0	6	6	2	30	0	6	2	27	1	0	4	28	11	4	12
280	5	59	25	6	0	3	24	0	8	2	22	1	0	4	37	56	4	18
290	5	59	59	6	0	4	12	0	10	2	18	1	3	4	47	30	4	36
300	0	0	41	6	0	5	18	0	13	2	14	1	3	4	56	54	5	0
310	0	1	34	5	42	6	0	0	17	2	9	1	0	5	6	2	5	12
320	0	2	34	5	42	6	42	0	17	2	5	0	48	5	14	58	5	30
330	0	3	41	5	36	7	6	0	18	1	59	0	36	5	23	45	5	48
340	0	4	52	5	45	7	24	0	19	1	58	0	42	5	32	23	6	18
350	0	6	6	5	45	7	54	0	20	1	57	0	42	5	40	56	6	36
360	0	7	25	5	48	8	0	0	20	1	56	0	48	5	49	14	7	6
370	0	8	45	5	48	8	6	0	20	1	54	0	48	5	57	37	7	18
378	0	9	50	6	0	8	6	0	20	1	54	0	48	0	4	11	7	30

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2 30

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		minue		☉			minue	
0	5	56	58	6	36	8	6	0	20	1	56	0	48	0	4	36	7	18
10	5	58	19	5	36	7	54	0	20	1	57	0	54	0	12	49	7	24
20	5	59	38	5	42	7	30	0	19	1	59	0	54	0	21	4	7	42
30	0	0	53	5	45	6	54	0	17	1	59	0	54	0	29	20	8	12
40	0	2	2	6	6	6	54	0	17	2	0	0	54	0	37	43	8	12
50	0	3	11	6	12	6	0	0	15	2	3	0	54	0	46	4	8	24
60	0	4	11	6	24	5	24	0	13	2	6	1	0	0	54	33	8	30
70	0	5	5	6	24	4	24	0	11	2	10	1	0	1	3	10	8	24
80	0	5	49	6	36	3	42	0	9	2	15	1	3	1	11	57	8	18
90	0	6	26	6	42	2	30	0	6	2	19	1	3	1	20	54	8	24
100	0	6	51	6	54	1	33	0	4	2	24	1	18	1	30	4	8	12
110	0	7	6	7	6	0	36	0	1	2	27	1	18	1	39	28	8	0

Di	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
es	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
	Direct⁹			adde		mīue		mīue		meri.		mīue		☉			mīue	
118	0	7	11	7	6	0	0	0	0	2	30	1	18	1	47	9	7	48
120	0	7	11	7	6	8	48	0	2	2	31	1	15	1	49	9	7	48
130	0	7	3	7	6	1	48	0	4	2	35	1	15	1	58	58	7	24
140	0	6	45	7	9	2	54	0	7	2	39	1	30	2	9	4	7	6
150	0	6	16	7	9	4	0	0	10	2	42	1	30	2	19	26	6	36
160	0	5	36	7	36	4	24	0	11	2	45	1	36	2	30	2	6	42
170	0	4	52	7	42	4	54	0	12	2	48	1	36	2	40	47	6	24
180	0	4	3	7	39	5	36	0	14	2	49	1	36	2	51	39	6	6
190	0	3	7	7	39	4	48	0	12	2	46	1	36	3	2	41	5	48
200	0	2	19	7	30	4	36	0	11	2	45	1	36	3	13	40	5	24
210	0	1	33	7	27	3	54	0	10	2	42	1	42	3	24	38	5	12
220	0	0	54	7	27	3	30	0	8	2	39	1	42	3	35	31	5	0
230	0	0	19	7	27	1	54	0	5	2	37	1	42	3	46	21	5	12
240	0	0	0	7	6	1	12	0	3	2	32	1	36	3	56	54	4	48
250	5	59	48	7	0	0	0	0	0	2	28	1	36	4	7	19	4	54
	Direct⁹					adde		adde										
255	5	59	48	6	54	0	12	0	1	2	25	1	48	4	12	25	4	54
260	5	59	49	6	54	1	12	0	3	2	23	1	48	4	17	30	5	0
270	0	0	1	6	45	2	24	0	6	2	17	1	30	4	27	29	5	0
280	0	0	25	6	45	3	24	0	8	2	12	1	24	4	37	13	5	24
290	0	0	59	6	30	4	12	0	10	2	7	1	24	4	46	44	5	30
300	0	1	41	6	30	5	0	0	12	2	4	1	30	4	56	4	6	0
310	0	2	31	6	30	6	0	0	15	1	59	1	30	5	5	10	6	18
320	0	3	31	6	24	6	36	0	16	1	57	1	36	5	14	3	6	36
330	0	4	37	6	24	7	18	0	18	1	53	1	36	5	22	47	6	54
340	0	5	50	6	15	7	18	0	18	1	51	1	36	5	31	20	7	6
350	0	7	3	6	15	8	0	0	20	1	50	1	36	5	39	50	7	36
360	0	8	23	6	15	8	0	0	20	1	48	1	24	5	48	8	7	42
370	0	9	43	6	15	8	20	0	21	1	46	1	24	5	56	24	8	6
378	0	10	50	6	15	8	20	0	21	1	46	1	24	0	2	56	8	18

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2 40

	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri		miue		☉			miue	
0	5	57	54	6	12	8	6	0	20	1	48	1	24	0	3	23	8	0
10	5	59	15	6	24	8	0	0	20	1	49	1	27	0	11	35	8	24
20	0	0	34	6	30	7	30	0	19	1	50	1	27	0	19	47	8	42
30	0	1	50	6	30	7	18	0	18	1	50	1	27	0	27	58	8	18
40	0	3	3	6	30	7	0	0	17	1	51	1	30	0	36	21	8	42
50	0	4	13	6	30	6	12	0	15	1	54	1	36	0	44	40	8	36
60	0	5	15	6	36	5	24	0	13	1	56	1	36	0	52	8	8	42
70	0	6	9	6	51	4	36	0	11	2	0	1	42	1	1	46	8	36
80	0	6	55	6	51	3	48	0	9	2	4	1	54	1	10	34	8	30
90	0	7	33	6	51	2	42	0	7	2	9	2	0	1	19	30	8	6
100	0	8	0	7	6	1	42	0	4	2	11	1	48	1	28	42	8	0
110	0	8	17	7	18	0	33	0	1	2	14	1	48	1	38	8	8	0
	retrog̃d⁹					miue		miue										
119	0	8	22	7	18	0	0	0	0	2	17	1	54	1	46	50	7	42
120	0	8	22	7	18	0	48	0	2	2	19	2	0	1	47	48	7	36
130	0	8	14	7	36	1	42	0	4	2	23	2	18	1	57	44	7	30
140	0	7	57	7	36	3	0	0	7	2	24	2	6	2	7	53	6	42
150	0	7	27	7	48	3	30	0	9	2	27	2	6	2	18	20	6	54
160	0	6	52	7	48	4	18	0	11	2	29	2	6	2	28	55	6	30
170	0	6	9	7	48	5	0	0	12	2	32	2	24	2	39	42	6	12
180	0	4	14	7	48	5	30	0	14	2	33	2	24	2	50	28	5	54
190	0	4	24	7	57	5	0	0	13	2	34	2	6	3	1	43	5	54
200	0	3	34	8	6	4	42	0	12	2	29	2	6	3	12	46	5	54
210	0	2	47	7	48	3	54	0	10	2	25	2	6	3	23	46	5	54
220	0	2	8	7	48	2	24	0	8	2	22	2	6	3	34	41	5	30
230	0	1	34	7	36	2	18	0	6	2	20	2	0	3	45	29	5	18
240	0	1	11	7	30	1	18	0	3	2	16	2	12	3	56	6	5	24
250	0	0	57	7	30	0	0	0	0	2	12	2	12	4	6	30	5	36

Residuum h

2 40

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
256	0	0	57	7	18	0	15	0	1	2	7	2	0	4	12	37	5	36
260	0	0	58	7	18	1	0	0	3	2	5	1	54	4	16	40	5	36
270	0	1	8	7	6	2	30	0	6	2	2	2	0	4	26	39	5	42
280	0	1	33	7	0	3	6	0	8	1	58	2	0	4	36	19	6	0
290	0	2	4	7	0	4	12	0	10	1	53	1	54	4	45	49	6	30
300	0	2	46	6	48	5	0	0	12	1	49	1	48	4	55	4	6	36
310	0	3	36	6	48	5	54	0	15	1	44	1	42	5	4	7	7	0
320	0	4	35	6	36	6	36	0	16	1	41	1	42	5	12	57	7	6
330	0	5	41	6	36	7	6	0	18	1	37	1	30	5	21	38	7	30
340	0	6	52	6	33	7	24	0	19	1	35	1	42	5	30	9	7	48
350	0	8	6	6	33	7	54	0	20	1	34	1	42	5	38	34	8	6
360	0	9	25	6	30	8	6	0	20	1	34	1	54	5	46	51	8	18
370	0	10	46	6	24	8	17	0	21	1	32	1	42	5	55	3	8	18
378	0	11	52	6	24	8	17	0	21	1	32	1	42	0	1	33	8	18

h

2 50

	Locus			Eqtio		ad di.		ad ho		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri		minue		☉			minue	
0	5	58	56	6	24	8	18	0	21	1	34	1	30	0	2	3	8	24
10	0	0	19	6	24	8	6	0	20	1	34	1	30	0	10	11	8	36
20	0	1	40	6	24	7	30	0	19	1	36	1	42	0	18	20	8	30
30	0	2	55	6	30	7	18	0	18	1	36	1	42	0	26	35	8	30
40	0	4	8	6	36	7	0	0	17	1	36	1	36	0	34	54	8	42
50	0	5	18	6	36	6	18	0	16	1	38	1	42	0	43	14	8	36
60	0	6	21	6	39	5	42	0	14	1	40	1	54	0	51	41	8	18
70	0	7	18	6	39	4	30	0	11	1	43	2	0	1	0	20	8	18
80	0	8	3	7	0	3	48	0	9	1	45	1	54	1	9	9	8	18
90	0	8	41	7	6	3	0	0	7	1	49	2	12	1	18	9	8	0
100	0	9	11	7	6	1	54	0	5	1	53	2	24	1	27	22	7	42
110	0	9	30	7	18	0	30	0	1	1	56	2	24	1	36	48	7	36

Residuum ♄

2 50

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd'			adde		miue		miue		meri.		miue		☉			miue	
120	0	9	35	7	24	0	30	0	1	1	58	2	18	1	46	33	7	18
130	0	9	30	7	30	1	42	0	4	2	0	2	30	1	56	29	7	0
140	0	9	13	7	42	2	48	0	7	2	4	2	42	2	6	46	7	12
150	0	8	45	7	51	3	30	0	9	2	6	2	48	2	17	11	6	36
160	0	8	10	7	51	4	18	0	11	2	8	0	54	2	27	50	6	12
170	0	7	21	8	6	5	0	0	12	2	8	2	48	2	38	41	6	12
180	0	6	35	8	6	5	18	0	13	2	9	2	48	2	49	39	6	0
190	0	5	44	8	12	4	54	0	12	2	9	3	0	3	0	44	6	0
200	0	4	55	7	57	5	0	0	12	2	8	3	0	3	11	47	5	30
210	0	4	5	7	57	2	54	0	10	2	4	2	42	3	22	52	5	42
220	0	3	26	7	54	2	36	0	9	2	1	2	54	3	33	46	5	36
230	0	2	50	7	54	2	24	0	6	2	0	3	0	3	44	36	5	48
240	0	2	26	7	48	1	18	0	3	1	54	2	36	3	55	12	5	54
250	0	2	13	7	30	0	34	0	1	1	50	2	36	4	5	34	5	48
	Directus					adde		adde										
257	0	2	9	7	4	0	40	0	2	1	47	2	36	4	12	45	6	6
260	0	2	11	7	24	0	48	0	2	1	46	2	30	4	15	44	6	0
270	0	2	19	7	18	2	24	0	6	1	42	2	24	4	25	42	6	18
280	0	2	43	6	54	3	6	0	8	1	38	2	12	4	35	19	6	24
290	0	3	14	6	54	4	0	0	10	1	34	2	18	4	44	44	6	42
300	0	3	54	6	54	5	0	0	12	1	31	2	12	4	53	58	7	6
310	0	4	44	6	42	5	42	0	14	1	27	2	12	5	2	57	7	18
320	0	5	41	6	42	6	36	0	16	1	24	2	6	5	11	46	7	36
330	0	6	47	6	24	7	0	0	17	1	22	2	6	5	20	23	7	42
340	0	7	57	6	24	7	30	0	19	1	18	2	6	5	28	51	7	54
350	0	9	12	6	15	7	48	0	19	1	17	2	0	5	35	13	8	6
360	0	10	30	6	15	8	0	0	20	1	15	1	54	5	45	28	8	6
370	0	11	50	6	15	8	15	0	21	1	15	2	6	5	53	40	8	24
378	0	12	56	6	15	8	15	0	21	1	15	2	6	0	0	10	8	36

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3 0

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		miue		☉			miue	
0	0	0	0	6	18	8	18	0	21	1	19	2	6	0	0	39	8	30
10	0	1	23	6	12	8	6	0	20	1	19	2	6	0	8	45	8	18
20	0	2	44	6	6	7	36	0	19	1	19	2	6	0	16	55	8	18
30	0	4	0	6	15	7	24	0	18	1	19	2	0	0	25	10	8	24
40	0	5	14	6	15	7	0	0	17	1	20	2	6	0	33	27	8	12
50	0	6	24	6	24	6	24	0	16	1	21	3	2	0	41	48	8	6
60	0	7	28	6	30	5	36	0	14	1	21	2	6	0	50	18	8	12
70	0	8	24	6	36	4	54	0	12	1	23	2	18	0	58	57	7	54
80	0	9	13	6	42	3	54	0	9	1	26	2	30	1	7	46	7	36
90	0	9	52	6	48	3	0	0	7	1	27	2	36	1	16	49	7	24
100	0	10	22	6	48	2	6	0	5	1	29	2	36	1	26	5	7	6
110	0	10	43	7	6	0	36	0	2	1	32	2	42	1	35	32	7	0
120	0	10	49	7	18	0	0	0	0	1	35	3	0	1	45	19	6	48
	retrog̃d'					miue		miue										
121	0	10	49	7	18	0	27	0	1	1	35	3	0	1	46	19	6	48
130	0	10	45	7	24	1	30	0	4	1	35	2	54	1	55	19	6	30
140	0	10	30	7	30	2	36	0	6	1	37	2	54	2	5	34	6	12
150	0	10	4	7	36	3	36	0	9	1	38	3	0	2	16	5	6	0
160	0	9	28	7	48	4	0	0	10	1	39	3	6	2	26	48	5	54
170	0	8	48	7	48	5	0	0	12	1	40	3	18	2	37	39	5	42
180	0	7	58	8	0	5	12	0	13	1	41	3	24	2	48	39	5	48
190	0	7	6	8	0	5	12	0	13	1	39	3	12	2	59	44	5	36
200	0	6	14	7	54	4	54	0	12	1	38	3	18	3	10	52	5	36
210	0	5	25	7	48	4	0	0	10	1	37	2	18	3	21	55	5	30
220	0	4	45	7	42	3	36	0	9	1	32	3	0	3	32	50	5	36
230	0	4	9	7	36	2	30	0	6	1	30	3	12	3	43	38	5	42
240	0	3	44	7	27	1	36	0	4	1	28	3	6	3	54	13	5	48
250	0	3	26	7	27	0	37	0	2	1	24	3	6	4	14	36	6	6

Residuū ♄

3 0

Dies	Locus Directus S	g	m	Eq̄tio adde m	2	ad di. adde m	2	ad ho. adde m	2	Lati. meri. g	m	Eq̄tio miue m	2	Elōgatio ☉ S	g	m	Eq̄tio miue m	2
258	0	3	23	7	27	0	40	0	2	1	21	3	0	4	12	45	6	36
260	0	3	35	7	27	0	42	0	2	1	21	3	0	4	14	44	6	30
270	0	3	32	7	18	2	0	0	5	1	18	2	54	4	24	29	6	48
280	0	3	52	7	12	3	6	0	8	1	16	3	0	4	34	15	7	0
290	0	4	23	7	0	4	0	0	10	1	11	2	42	4	43	37	7	12
300	0	5	3	6	48	4	48	0	12	1	9	2	36	4	53	47	7	24
310	0	5	51	6	36	5	42	0	14	1	5	2	36	5	1	44	7	30
320	0	6	48	6	30	6	18	0	15	1	3	2	30	5	10	30	7	48
330	0	7	51	6	24	7	0	0	17	1	1	2	36	5	19	6	7	54
340	0	9	1	6	24	7	24	0	18	0	59	2	18	5	27	32	8	12
350	0	10	15	6	18	7	42	0	19	0	57	2	18	5	34	52	8	12
360	0	11	32	6	18	8	6	0	20	0	56	2	18	5	44	7	8	24
370	0	12	53	6	12	8	17	0	21	6	54	2	18	5	52	16	8	24
378	0	13	59	6	6	8	17	0	21	0	54	2	12	5	58	44	8	18

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3 10

Dies	Locus Directus S	g	m	Eq̄tio adde m	2	ad di. adde m	2	ad ho. adde m	2	Lati. meri. g	m	Eq̄tio miue m	2	Elōgatio ☉ S	g	m	Eq̄tio miue m	2
0	0	1	3	6	18	8	12	0	20	0	58	2	12	5	59	14	8	24
10	0	2	25	6	18	8	0	0	20	0	58	2	18	0	7	22	8	30
20	0	3	41	6	15	7	48	0	19	0	58	2	18	0	15	32	8	24
30	0	5	3	6	15	7	18	0	18	0	59	2	24	0	23	46	8	18
40	0	6	16	6	15	7	12	0	18	0	59	2	24	0	32	5	8	6
50	0	7	28	6	15	6	30	0	16	0	59	2	24	0	40	27	7	54
60	0	8	33	6	24	5	42	0	14	1	0	2	30	0	48	56	7	42
70	0	9	30	6	24	5	0	0	12	1	0	2	30	0	57	38	7	18
80	0	10	30	6	24	4	0	0	10	1	1	2	36	1	6	30	7	0
90	0	11	0	6	30	3	0	0	8	1	1	2	36	1	15	35	6	48
100	0	11	30	6	33	2	24	0	6	1	3	2	48	1	24	54	6	24
110	0	11	52	6	33	0	48	0	2	1	5	3	0	1	34	22	6	0
120	0	12	2	6	42	0	20	0	1	1	5	3	0	1	44	11	5	48

Residuū. h

3 10

Di	Locus			Eq̃tio		ad vi.		ad ho		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogdꝰ			adde		minue		minue		meri.		minue		☉			minue	
123	0	12	3	6	42	0	34	0	1	1	5	3	0	1	47	10	5	36
130	0	11	59	6	42	1	24	0	3	1	6	3	6	1	54	14	5	24
140	0	11	45	6	54	2	30	0	6	1	8	3	24	2	4	32	5	18
150	0	11	20	7	0	3	24	0	8	1	8	3	24	2	15	5	5	6
160	0	10	46	7	0	4	0	0	10	1	8	3	24	2	25	49	4	54
170	0	10	6	7	12	4	48	0	12	1	7	3	18	2	36	42	5	0
180	0	9	18	7	18	5	12	0	13	1	7	3	18	2	47	41	4	54
190	0	8	26	7	36	5	18	0	13	1	7	3	18	2	58	48	5	18
200	0	7	33	7	36	5	0	0	12	1	5	3	24	3	9	56	5	18
210	0	6	43	7	42	4	6	0	10	1	4	3	24	3	21	0	5	36
220	0	6	2	7	30	3	42	0	9	1	2	3	30	3	31	54	5	36
230	0	5	25	7	21	2	42	0	7	0	58	3	12	3	42	41	5	42
240	0	4	58	7	18	1	30	0	4	0	57	3	6	3	53	15	6	0
250	0	4	42	7	12	0	18	0	1	0	53	3	6	4	3	35	6	12
						adde		adde										
260	0	4	40	6	48	0	30	0	1	3	51	2	54	4	13	34	6	18
270	0	4	45	6	42	1	54	0	5	0	49	2	48	4	23	31	6	30
280	0	5	4	6	36	2	54	0	7	0	46	2	48	4	33	5	6	48
290	0	5	33	6	24	3	48	0	9	0	44	2	36	4	42	25	7	0
300	0	6	11	6	24	4	36	0	11	0	43	2	36	4	51	33	7	18
310	0	6	57	6	24	5	36	0	14	0	39	2	30	5	0	29	7	42
320	0	7	53	6	12	6	12	0	15	0	38	2	30	5	9	12	7	42
330	0	8	55	6	6	7	0	0	17	0	35	2	24	5	17	47	7	54
340	0	10	5	6	0	7	18	0	18	0	34	2	18	5	26	10	7	54
350	0	11	18	5	48	7	42	0	19	0	34	2	24	5	34	30	7	54
360	0	12	35	5	48	8	0	0	20	0	33	2	30	5	42	43	8	0
370	0	13	55	5	36	8	8	0	20	0	31	2	18	5	50	52	7	42
378	0	15	0	5	36	8	8	0	20	0	32	2	18	5	57	21	7	30

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3 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			adde		adde		adde		meri.		minue		⊙			minue	
0	0	2	6	5	36	8	12	0	20	0	36	2	12	5	57	50	7	48
10	0	3	28	5	36	8	0	0	20	0	35	2	18	0	5	57	7	42
20	0	4	48	5	36	7	48	0	19	0	35	2	18	0	14	8	7	36
30	0	6	6	5	36	7	18	0	18	0	35	2	24	0	22	23	7	18
40	0	7	19	5	33	7	6	0	18	0	35	2	24	0	30	45	7	18
50	0	8	30	5	27	6	42	0	17	0	35	2	24	0	39	8	6	42
60	0	9	37	5	30	5	42	0	14	0	35	2	36	0	47	39	6	24
70	0	10	34	5	36	5	0	0	12	0	35	2	36	0	56	25	6	12
80	0	11	24	5	45	4	6	0	10	0	35	2	36	1	5	20	6	6
90	0	12	5	5	45	3	6	0	8	0	35	2	42	1	14	27	5	30
100	0	12	36	5	54	2	18	0	6	0	35	2	42	1	23	50	5	24
110	0	12	59	5	54	1	0	0	3	0	35	2	42	1	33	22	5	0
120	0	13	5	6	6	0	15	0	1	0	35	2	54	1	43	13	4	48
	retrogŕ'					minue		minue										
124	0	13	10	6	6	0	40	0	2	0	35	2	54	1	47	14	4	48
130	0	13	6	6	21	1	12	0	3	0	35	2	54	1	53	20	4	48
140	0	12	54	6	21	2	24	0	6	0	34	3	6	2	3	39	4	24
150	0	12	30	6	30	3	24	0	8	0	34	3	6	2	14	14	4	24
160	0	11	56	6	45	3	48	0	10	0	34	3	6	2	25	0	4	36
170	0	11	18	6	45	4	42	0	12	0	34	3	24	2	35	52	4	18
180	0	10	31	6	45	4	54	0	12	0	34	3	24	2	46	52	4	30
190	0	9	42	6	45	5	18	0	13	0	34	3	24	2	57	55	4	30
200	0	8	49	6	45	4	54	0	12	0	31	3	24	3	9	3	4	36
210	0	8	0	6	45	4	18	0	11	0	30	3	18	3	20	4	4	48
220	0	7	17	6	48	3	54	0	10	0	27	3	15	3	30	58	5	12
230	0	6	38	6	48	2	42	0	7	0	26	3	12	3	41	44	5	24
240	0	6	11	6	45	1	36	0	4	0	26	3	12	3	52	15	5	48
250	0	5	55	6	30	0	42	0	2	0	22	3	0	4	2	33	6	0
260	0	5	48	6	24	0	0	0	0	0	22	3	0	4	12	36	6	12

3 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		minue		☉			minue	
261	0	5	48	6	24	0	27	0	1	0	22	3	0	4	13	35	6	6
270	0	5	52	6	18	1	48	0	4	0	21	2	54	4	22	26	6	30
280	0	6	10	6	12	2	42	0	7	0	18	2	48	4	31	57	6	48
290	0	6	37	6	6	3	48	0	9	0	18	2	48	4	41	15	7	0
300	0	7	15	5	54	4	36	0	11	0	17	2	42	4	50	20	7	12
310	0	8	1	5	39	5	24	0	13	0	14	2	30	4	59	12	7	12
320	0	8	55	5	59	6	6	0	15	0	13	2	24	5	7	55	7	30
330	0	9	56	5	36	6	54	0	17	0	11	2	24	5	16	28	7	42
340	0	11	5	5	21	7	6	0	18	0	11	2	24	5	24	51	7	24
350	0	12	16	5	21	7	42	0	19	0	10	2	18	5	33	11	7	36
360	0	13	33	5	12	7	48	0	20	0	8	2	12	5	41	23	7	18
370	0	14	51	5	6	8	6	0	10	0	8	2	12	5	49	35	7	12
378	0	15	56	5	0	8	6	0	20	0	9	2	12	5	56	6	7	6

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		minue		☉			minue	
0	0	3	2	5	24	8	12	0	20	0	14	2	12	5	56	32	7	30
10	0	4	24	5	18	8	0	0	20	0	12	2	12	0	4	48	7	18
20	0	5	44	5	12	7	48	0	19	0	12	2	12	0	12	52	6	54
30	0	7	2	5	0	7	18	0	18	0	11	2	12	0	21	10	6	42
40	0	8	15	5	0	6	54	0	17	0	11	2	24	0	29	32	6	18
50	0	9	24	5	3	6	48	0	17	0	11	2	24	0	38	1	6	0
60	0	10	32	5	3	5	48	0	15	0	9	2	27	0	46	35	5	36
70	0	11	30	5	3	5	12	0	13	0	9	2	30	0	55	23	5	18
80	0	12	22	5	3	4	0	0	10	0	9	2	30	1	4	19	4	48
90	0	13	2	5	6	3	18	0	8	0	8	2	42	1	13	33	4	36
100	0	13	35	5	12	2	18	0	6	0	8	2	48	1	22	56	4	18
110	0	13	58	5	12	1	12	0	3	0	8	2	54	1	32	32	3	54
120	0	14	10	5	18	0	12	0	0	0	6	3	0	1	42	25	3	42

Residuū ħ

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d'			adde		miue		miue		meri.		miue		⊙			miue	
125	0	14	11	5	24	0	12	0	1	0	6	3	6	1	47	28	3	36
130	0	14	10	5	24	1	18	0	4	0	6	3	6	1	52	32	3	30
140	0	13	57	5	36	2	12	0	6	0	3	3	48	2	2	55	3	30
150	0	13	35	5	39	3	6	0	8	0	3	3	6	2	13	30	3	30
160	0	13	4	5	39	3	54	0	10	0	3	3	18	2	24	14	3	15
										sept.		adde						
170	0	12	25	5	40	4	36	0	11	0	0	3	18	2	35	9	3	15
180	0	11	39	5	54	4	54	0	12	0	0	3	18	2	46	7	3	36
190	0	10	50	5	54	5	24	0	13	0	0	3	18	2	57	10	3	48
200	0	9	56	5	54	4	54	0	12	0	3	3	18	3	8	17	4	0
210	0	9	7	6	0	4	12	0	11	0	3	3	18	3	19	16	4	24
220	0	8	25	5	51	3	54	0	10	0	5	3	9	3	30	6	4	24
230	0	7	46	5	51	2	42	0	7	0	6	3	9	3	40	50	5	0
240	0	7	19	5	48	1	54	0	5	0	6	3	9	3	51	17	5	18
250	0	7	0	5	36	0	48	0	2	0	8	3	3	4	1	33	5	24
260	0	6	52	5	42	0	0	0	0	0	8	3	0	4	11	34	5	54
	Directus					adde		adde										
262	0	6	52	5	42	0	24	0	1	0	8	3	0	4	13	34	6	12
270	0	6	55	5	42	1	42	0	4	0	8	2	54	4	21	21	6	18
280	0	7	12	5	24	2	36	0	6	0	10	2	39	4	30	49	6	18
290	0	7	38	5	6	3	36	0	6	0	10	2	36	4	40	58	6	24
300	0	8	14	5	6	4	18	0	11	0	10	2	33	4	49	5	6	42
310	0	8	57	5	0	5	30	0	14	0	11	2	30	4	58	0	6	42
320	0	9	52	4	42	6	0	0	15	0	11	2	27	5	6	40	6	42
330	0	10	52	4	42	6	36	0	17	0	13	2	21	5	15	11	6	36
340	0	11	58	4	42	7	12	0	18	0	13	2	18	5	23	37	6	54
350	0	13	10	4	36	7	30	0	19	0	13	2	18	5	31	55	6	42
360	0	14	25	4	21	7	42	0	19	0	14	2	15	5	40	10	6	24
370	0	15	43	4	21	8	3	0	20	0	14	2	12	5	48	23	6	30
378	0	16	46	4	18	8	3	0	20	0	13	2	12	5	54	55	6	24

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		ſept.		adde		☉			minue	
0	0	3	56	4	24	8	6	0	20	0	8	2	18	5	55	17	6	24
10	0	5	17	4	21	7	54	0	20	0	10	2	18	0	3	27	6	0
20	0	6	36	4	21	7	36	0	19	0	10	2	18	0	11	43	5	54
30	0	7	52	4	18	7	18	0	18	0	11	2	18	0	20	13	5	36
40	0	9	5	4	12	7	0	0	17	0	13	2	24	0	28	29	5	6
50	0	10	15	4	12	6	42	0	17	0	13	2	24	0	37	1	4	48
60	0	11	22	4	12	5	48	0	15	0	15	2	24	0	45	39	4	30
70	0	12	20	4	9	5	12	0	13	0	16	2	30	0	54	30	3	54
80	0	13	12	4	9	4	6	0	10	0	16	2	33	1	3	31	3	42
90	0	13	53	4	9	3	24	0	8	0	19	2	33	1	12	46	3	18
100	0	14	27	4	9	2	18	0	6	0	20	2	39	1	22	13	2	42
110	0	14	50	4	15	1	18	0	3	0	21	2	45	1	31	53	2	42
120	0	15	3	4	15	0	20	0	1	0	24	2	45	1	41	48	2	18
	retrogdꝰ					minue		minue										
126	0	15	5	4	18	0	15	0	1	0	25	2	54	1	47	52	2	18
130	0	15	4	4	18	1	6	0	3	0	25	3	0	1	51	57	2	12
140	0	14	53	4	30	2	6	0	5	0	25	3	6	2	2	20	2	18
150	0	14	32	4	30	3	12	0	8	8	28	3	12	2	12	55	2	6
160	0	14	0	4	36	3	48	0	9	0	30	3	12	2	23	42	2	12
170	0	13	22	4	36	4	24	0	11	0	33	3	3	2	34	36	2	24
180	0	12	38	4	36	4	54	0	12	0	33	3	18	2	45	31	2	30
190	0	11	49	4	48	5	24	0	13	0	33	3	21	2	56	32	2	54
200	0	10	55	4	48	4	48	0	12	0	36	3	9	3	7	37	3	12
210	0	10	7	4	54	4	24	0	11	0	36	3	18	3	18	32	3	30
220	0	9	23	4	48	3	48	0	9	0	36	3	18	3	29	22	3	54
230	0	8	45	4	48	2	48	0	7	0	38	3	9	3	40	0	4	18
240	0	8	17	4	36	1	6	0	5	0	38	3	6	3	50	24	4	24
250	0	7	56	4	36	0	42	0	2	0	38	2	54	4	0	39	4	48
260	0	7	49	4	30	0	0	0	0	0	38	2	45	4	10	35	5	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃uo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		sept.		adde		☉			mĩue	
263	0	7	49	4	30	0	26	0	1	0	38	2	45	4	13	31	5	12
270	0	7	52	4	18	1	24	0	3	0	37	2	48	4	20	18	5	12
280	0	8	6	4	12	2	18	0	6	0	36	2	54	4	29	46	5	30
290	0	8	29	4	9	3	36	0	9	0	36	2	54	4	39	1	5	48
300	0	9	5	3	54	4	12	0	11	0	36	2	42	4	48	1	5	36
310	0	9	47	3	48	5	18	0	13	0	36	2	30	4	56	53	5	48
320	0	10	40	3	42	5	54	0	15	0	36	2	30	5	5	33	5	48
330	0	11	39	3	36	6	36	0	17	0	36	2	18	5	14	5	5	48
340	0	12	45	3	30	7	6	0	18	0	36	2	18	5	22	28	5	36
350	0	13	56	3	21	7	12	0	18	0	36	2	18	5	30	48	5	24
360	0	15	8	3	21	7	48	0	19	0	36	2	18	5	39	6	5	30
370	0	16	26	3	6	7	54	0	20	0	36	2	12	5	47	18	5	0
378	0	17	29	3	0	7	54	0	20	0	35	2	12	5	53	51	4	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		sept.		adde		☉			miue	
0	0	4	40	3	18	8	0	0	20	0	31	2	9	5	54	13	5	0
10	0	6	0	3	12	7	54	0	20	0	33	2	9	0	2	27	4	48
20	0	7	19	3	12	7	36	0	19	0	33	2	15	0	10	44	4	30
30	0	8	35	3	12	7	12	0	18	0	34	2	15	0	19	7	4	6
40	0	9	47	3	12	7	0	0	17	0	37	2	15	0	27	38	3	48
50	0	10	57	3	6	6	42	0	17	0	37	2	24	0	36	13	3	24
60	0	12	4	3	3	5	42	0	14	0	39	2	21	0	44	54	2	48
70	0	13	1	3	3	5	18	0	13	0	41	2	21	0	53	51	2	36
80	0	13	54	3	3	4	6	0	10	0	42	2	33	1	2	54	2	6
90	0	14	45	3	3	3	18	0	8	0	44	2	33	1	12	13	1	42
100	0	15	58	3	3	2	30	0	6	0	47	2	33	1	21	46	1	30
110	0	15	33	2	57	1	12	0	3	0	49	2	51	1	31	26	1	0
120	0	15	45	2	57	0	34	0	1	0	51	2	51	1	41	25	0	54

Residuum ♄

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d'			adde		minue		minue		sept.		adde		☉			minue	
127	0	15	49	2	57	0	40	0	2	0	53	2	51	1	48	29	0	42
130	0	15	47	3	0	0	54	0	2	0	55	2	45	1	51	35	0	48
140	0	15	38	3	0	2	6	0	5	0	56	2	45	2	1	57	0	36
150	0	15	17	3	6	3	6	0	8	1	0	2	48	2	12	34	0	42
160	0	14	46	3	9	3	48	0	9	1	2	2	51	2	23	20	1	0
170	0	14	8	3	12	4	24	2	11	1	3	2	51	2	34	12	1	6
180	0	13	24	3	18	4	42	0	12	1	6	2	51	2	45	6	1	24
190	0	12	37	3	9	5	24	0	13	1	7	2	57	2	56	3	1	30
200	0	11	43	3	9	4	42	0	12	1	7	2	57	3	7	5	1	48
210	0	10	56	3	9	4	30	0	11	1	9	7	57	3	17	57	2	18
220	0	10	11	3	9	3	48	0	9	1	9	2	57	3	28	43	2	42
230	0	9	33	3	9	3	0	0	7	1	9	2	45	3	39	17	3	0
240	0	9	3	3	6	2	6	0	5	1	9	2	45	3	49	40	3	18
250	0	8	42	3	6	0	48	0	2	1	7	2	45	3	59	51	3	42
260	0	8	34	2	51	0	0	0	0	1	5	2	45	4	9	44	3	48
	Directus					a dde		adde										
265	0	8	34	2	51	0	12	0	1	1	5	2	42	4	14	35	3	54
270	0	8	35	2	51	1	18	0	3	1	5	2	36	4	19	26	4	12
280	0	8	48	2	51	2	18	0	6	1	5	2	30	4	28	51	4	30
290	0	9	11	2	48	3	18	0	8	1	5	2	18	4	38	3	4	30
300	0	9	44	2	42	4	6	0	10	1	3	2	12	4	47	5	4	42
310	0	10	25	2	42	5	12	0	13	1	1	2	6	4	55	55	4	48
320	0	11	17	2	36	5	48	8	14	1	1	2	3	5	4	35	4	48
330	0	12	15	2	36	6	30	0	16	0	59	2	3	5	13	7	4	42
340	0	13	20	2	18	6	54	0	17	0	59	2	0	5	21	32	4	24
350	0	14	29	2	15	7	18	0	18	0	59	2	0	5	29	54	4	18
360	0	15	42	2	6	7	30	0	19	0	59	1	54	5	38	11	4	0
370	0	16	57	2	0	7	47	0	19	0	58	1	54	5	46	28	3	36
378	0	17	59	1	54	7	47	0	19	0	57	1	54	5	53	4	3	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		sept.		adde		☉			minue	
0	0	5	13	2	12	7	54	0	20	0	54	1	51	5	53	23	3	48
10	0	6	32	2	12	7	54	0	20	0	54	1	51	0	1	39	3	30
20	0	7	51	3	3	7	36	0	19	0	56	1	54	0	9	59	2	54
30	0	9	7	2	3	7	12	0	18	0	57	1	54	0	18	26	2	42
40	0	10	19	1	54	6	54	0	17	0	59	1	54	0	27	0	2	12
50	0	11	28	1	48	6	36	0	16	1	1	2	0	0	35	39	1	36
60	0	12	34	1	48	5	48	0	15	1	3	2	0	0	44	26	1	18
70	0	13	32	1	42	5	12	0	13	1	4	2	0	0	53	25	0	48
80	0	14	24	1	42	4	12	0	10	1	8	2	0	1	2	33	0	18
90	0	15	6	1	42	3	18	0	8	1	10	2	15	1	11	56	0	6
																	adde	
100	0	15	39	1	42	2	18	0	6	1	12	2	15	1	21	31	0	12
110	0	16	2	1	42	1	18	0	3	1	17	2	15	1	31	16	0	24
120	0	16	15	1	42	0	26	0	1	1	20	2	24	1	41	16	0	30
	retrog̃d⁹					minue		minue										
127	0	16	18	1	42	0	20	0	1	1	21	2	30	1	48	22	0	42
130	0	16	17	1	42	0	54	0	2	1	22	2	30	1	51	27	0	42
140	0	16	8	1	42	2	0	0	5	1	24	2	36	2	1	51	0	42
150	0	15	48	1	48	3	0	0	7	1	29	2	36	2	12	27	0	24
160	0	15	18	1	48	3	48	0	9	1	31	2	42	2	23	10	0	18
170	0	14	40	1	48	4	18	0	11	1	32	2	42	2	34	1	0	6
																	minue	
180	0	13	57	1	48	4	54	0	12	1	34	2	42	2	44	52	0	12
190	0	13	8	2	3	5	18	0	13	1	36	2	39	2	55	48	0	42
200	0	12	15	2	3	4	42	0	12	1	37	2	39	3	6	47	1	6
210	0	11	28	2	3	4	30	0	11	1	38	2	36	3	17	34	1	36
220	0	10	43	2	3	3	48	0	9	1	39	2	27	3	28	16	1	48
230	0	10	5	2	3	3	6	0	8	1	37	2	21	3	38	47	2	18
240	0	9	34	2	3	2	6	0	5	1	36	2	21	3	49	7	2	42
250	0	9	13	2	3	1	0	0	3	1	35	2	18	3	59	14	3	0
260	0	9	3	2	3	0	0	0	0	1	33	2	9	4	9	6	3	18

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Residuū. ♄

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	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elogatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	Direct⁹			adde		adde		adde		sept.		adde		☉			minue	
264	0	9	3	1	45	0	10	0	0	1	32	2	6	4	12	58	3	12
270	0	9	4	2	0	1	18	0	3	1	31	2	3	4	18	44	3	36
280	0	9	17	1	48	2	12	0	5	1	30	2	3	4	28	6	3	30
290	0	9	39	1	45	3	12	0	8	1	28	2	0	4	37	18	3	42
300	0	10	11	1	45	4	6	0	10	1	25	1	54	4	46	18	3	54
310	0	10	52	1	39	5	6	0	13	1	22	1	48	4	55	7	3	48
320	0	11	43	1	30	5	48	0	15	1	21	1	45	5	3	47	3	36
330	0	12	41	1	24	6	12	0	16	1	20	1	42	5	12	20	3	30
340	0	13	43	1	24	6	48	0	17	1	19	1	42	5	20	48	3	30
350	0	14	51	1	24	7	12	0	18	1	19	1	39	5	29	11	3	18
360	0	16	3	1	12	7	24	0	19	1	18	1	36	5	37	31	2	48
370	0	17	17	1	12	7	40	0	19	1	17	1	30	5	45	52	2	42
378	0	18	18	1	12	7	40	0	19	1	16	1	30	5	52	33	2	42

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	directus			adde		adde		adde		sept.		adde		☉			minue	
0	0	5	35	1	24	7	54	0	20	1	12	1	42	5	52	45	2	42
10	0	6	54	1	12	7	42	0	19	1	12	1	42	0	1	4	2	6
20	0	8	11	1	6	7	42	0	19	1	15	1	33	0	9	30	1	42
30	0	9	28	0	54	7	0	0	15	1	16	1	33	0	17	59	1	12
40	0	10	38	0	54	6	48	0	17	1	18	1	33	0	26	38	0	42
50	0	11	46	0	54	6	36	0	16	1	21	1	30	0	35	23	0	24
																	adde	
60	0	12	52	0	48	5	42	0	14	1	23	1	27	0	44	13	0	6
70	0	13	49	0	42	5	12	0	13	1	24	1	27	0	53	17	0	42
80	0	14	41	0	33	4	12	0	11	1	28	1	27	1	2	30	1	0
90	0	15	23	0	33	3	18	0	8	1	32	1	33	1	11	55	1	24
100	0	15	56	0	33	2	18	0	6	1	35	1	39	1	21	33	1	30
110	0	16	19	0	27	1	18	0	3	1	39	1	42	1	31	20	1	42
120	0	16	22	0	27	0	23	0	1	1	44	1	48	1	41	21	2	0

Residuũ h

4 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue		minue		sept.		adde		☉			minue	
129	0	16	35	0	27	0	32	0	1	1	46	1	48	1	50	31	2	0
130	0	16	34	0	27	0	54	0	2	1	47	1	48	1	51	34	1	54
140	0	16	25	0	27	1	54	0	5	1	50	1	48	2	1	58	1	42
150	0	16	6	0	27	3	0	0	7	1	55	1	45	2	12	31	1	42
160	0	15	36	0	36	3	48	0	9	1	58	1	45	2	23	13	1	18
170	0	14	58	0	42	4	18	0	11	1	59	1	48	2	34	2	0	50
180	0	14	15	0	42	4	36	0	12	2	1	2	3	2	44	50	0	42
190	0	13	29	0	42	5	24	0	13	2	2	2	3	2	55	41	0	12
																	minue	
200	0	12	35	0	45	4	36	0	12	2	4	2	3	3	6	36	0	18
210	0	11	49	0	45	4	36	0	11	2	4	2	3	3	15	18	0	30
220	0	11	3	0	54	3	48	0	10	2	3	2	3	3	27	58	1	12
230	0	10	25	0	54	3	0	0	7	2	0	2	3	3	38	24	1	30
240	0	9	55	0	54	2	6	0	5	2	0	1	48	3	48	40	1	48
250	0	9	34	0	54	1	6	0	3	1	58	1	48	3	58	44	2	12
260	0	9	23	0	54	0	45	0	2	1	54	2	0	4	8	33	2	30
	Direct⁹					adde		adde										
264	0	9	20	0	54	0	40	0	2	1	53	2	0	4	12	26	2	36
270	0	9	24	0	54	1	6	0	3	1	51	2	0	4	18	8	2	36
280	0	9	35	0	54	2	6	0	5	1	50	1	45	4	27	31	2	54
290	0	9	56	0	54	3	18	0	8	1	48	1	33	4	36	41	3	0
300	0	10	29	0	42	3	54	0	10	1	44	1	39	4	45	39	2	54
310	0	11	8	0	42	5	0	0	12	1	40	1	39	4	54	29	2	48
320	0	11	58	0	42	5	42	0	14	1	39	1	30	5	3	11	2	48
330	0	12	55	0	36	6	12	0	15	1	37	1	24	5	11	45	2	42
340	0	13	57	0	30	6	48	0	17	1	36	1	18	5	20	13	2	24
350	0	15	5	0	18	7	0	0	18	1	36	1	18	5	28	38	1	54
360	0	16	15	0	18	7	24	0	19	1	34	1	21	5	37	3	1	48
370	0	17	29	0	12	7	35	0	19	1	32	1	24	5	45	25	1	18
378	0	18	30	0	6	7	35	0	19	1	31	1	24	5	52	6	1	48

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4 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		sept.		adde		☉			mīue	
0	0	5	49	0	18	7	42	0	19	1	29	1	24	5	52	18	1	12
10	0	7	6	0	18	7	36	0	19	1	29	1	24	0	0	43	1	54
20	0	8	22	0	15	7	30	0	19	1	30	1	24	0	9	13	0	30
																	adde	
30	0	9	37	0	9	7	0	0	18	1	32	1	24	0	17	47	0	6
40	0	10	47	0	6	6	48	0	17	1	34	1	24	0	26	31	0	24
				mīue														
50	0	11	55	0	6	6	30	0	16	1	36	1	30	0	35	19	1	0
60	0	13	0	0	18	5	36	0	14	1	37	1	36	0	44	14	1	42
70	0	13	46	0	18	5	6	0	12	1	39	1	39	0	53	24	1	54
80	0	14	47	0	18	4	6	0	10	1	42	1	39	1	2	40	2	12
90	0	15	28	0	18	3	24	0	8	1	48	1	48	1	12	9	2	24
100	0	16	2	0	18	2	12	0	6	1	52	1	48	1	21	48	2	36
110	0	16	24	0	24	1	12	0	3	1	56	1	48	1	31	37	2	48
120	0	16	36	0	24	0	24	0	1	2	2	1	39	1	41	41	2	48
	retrogᵃ⁹					mīue		mīue										
127	0	16	40	0	24	0	30	0	1	2	4	1	36	1	48	47	2	48
130	0	16	39	0	24	0	54	0	2	2	5	1	36	1	51	53	2	36
140	0	16	30	0	30	2	0	0	5	2	8	1	42	2	2	15	2	36
150	0	16	10	0	30	2	48	0	7	2	12	1	42	2	12	48	2	24
160	0	15	42	0	30	3	42	0	9	2	15	1	45	2	23	26	2	6
170	0	15	5	0	30	4	18	0	11	2	17	1	48	2	34	11	1	48
180	0	14	22	0	27	4	36	0	12	2	22	1	48	2	44	57	1	18
190	0	13	36	0	27	5	18	0	12	2	23	1	48	2	55	43	1	0
200	0	12	43	0	27	4	42	0	12	2	24	1	42	3	6	33	0	42
210	0	11	56	0	24	4	24	0	11	2	25	1	30	3	17	13	0	6
																	mīue	
220	0	11	12	0	24	3	48	0	9	2	23	1	33	3	27	46	0	12
230	0	10	34	0	24	3	0	0	7	2	21	1	27	3	38	9	0	30
240	0	10	4	0	24	2	6	0	5	2	18	1	27	3	48	22	0	54
250	0	9	43	0	24	1	6	0	3	2	16	1	15	3	58	22	1	12
260	0	9	32	0	24	0	34	0	2	2	14	1	12	4	8	8	1	18

Residuum ♄

4 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Equo		Elõgatio			Eq̃uo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			adde		adde		adde		sept.		adde			☉		minue	
264	0	9	28	0	30	0	50	0	2	2	13	1	6	4	12	0	1	12
270	0	9	33	0	30	1	6	0	3	2	11	1	3	4	17	42	1	30
280	0	9	44	0	30	2	6	0	5	2	7	1	3	4	27	2	1	36
290	0	10	5	0	36	3	6	0	8	2	3	1	3	4	36	11	1	36
300	0	10	36	0	36	3	54	0	10	2	1	0	57	4	45	10	1	30
310	0	11	15	0	42	5	0	0	12	1	57	0	57	4	54	1	1	24
320	0	12	5	0	45	5	36	0	14	1	54	0	54	5	2	43	1	18
330	0	13	1	0	45	6	6	0	15	1	51	0	54	5	11	18	1	6
340	0	14	2	0	45	6	36	0	17	1	49	0	54	5	19	49	0	54
350	0	15	8	0	45	7	0	0	18	1	49	0	51	5	28	19	0	48
360	0	16	18	0	54	7	18	0	18	1	48	0	51	5	36	45	0	12
																	adde	
370	0	17	31	1	0	7	30	0	19	1	46	0	51	5	45	12	0	18
378	0	18	31	1	0	7	30	0	19	1	45	0	54	5	51	58	0	48

♄

4 30

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		adde			☉		adde	
0	0	5	52	0	48	7	42	0	19	1	43	0	48	5	52	6	0	12
10	0	7	9	0	48	7	36	0	19	1	43	0	48	0	0	34	0	36
20	0	8	25	1	0	7	18	0	18	1	44	0	51	0	9	8	1	12
30	0	9	38	1	0	7	0	0	17	1	46	0	51	0	17	48	1	30
40	0	10	48	1	9	6	36	0	16	1	48	0	54	0	26	35	2	6
50	0	11	54	1	9	6	18	0	16	1	51	0	54	0	35	29	2	30
60	0	12	57	1	12	5	36	0	14	1	53	0	54	0	44	31	2	48
70	0	13	53	1	18	5	6	0	13	1	56	0	54	0	53	43	3	12
80	0	14	44	1	21	4	6	0	10	1	59	0	54	1	3	2	3	24
90	0	15	25	1	24	3	24	0	8	2	6	0	54	1	12	33	3	42
100	0	15	59	1	36	2	6	0	5	2	10	1	9	1	22	14	3	54
110	0	16	20	1	42	1	12	0	3	2	14	1	3	1	32	5	4	6
120	0	16	32	1	42	0	24	0	1	2	18	1	3	1	42	9	3	54

74

Residuum h

4 30

	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elongatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrograd'			minue		minue		minue		sept.		adde			☉		adde	
127	0	16	35	1	42	0	20	0	21	2	20	1	6	1	49	15	3	54
130	0	16	35	1	51	1	0	0	3	2	21	1	6	1	52	19	4	0
140	0	16	25	1	51	0	2	0	5	2	25	1	6	2	2	41	3	42
150	0	16	5	1	51	2	48	0	7	2	29	1	12	2	13	12	3	24
160	0	15	37	1	54	3	42	0	9	2	33	1	18	2	23	47	3	12
170	0	15	0	2	0	4	12	0	11	2	35	1	17	2	34	29	2	54
180	0	14	18	1	54	4	42	0	12	2	40	1	15	2	45	10	2	24
190	0	13	31	1	48	5	18	0	13	2	41	1	15	2	55	53	2	0
200	0	12	38	1	48	4	36	0	12	2	41	1	15	3	6	40	1	39
210	0	11	52	1	48	4	24	0	11	2	40	1	12	3	17	14	1	12
220	0	11	8	1	48	3	48	0	9	2	38	1	12	3	27	44	0	54
230	0	10	30	1	45	3	0	0	7	2	35	1	9	3	38	4	0	18
240	0	10	0	1	45	2	6	0	5	2	33	1	9	3	48	13	0	12
																	minue	
250	0	9	39	1	36	1	6	0	3	2	28	1	9	3	58	10	0	6
160	0	9	28	1	33	0	50	0	2	2	26	1	6	4	7	55	0	30
	Directus					adde		adde										
264	0	9	24	1	33	0	40	0	2	2	24	3	57	4	11	48	0	30
270	0	9	28	1	33	1	6	0	3	2	21	3	57	4	17	27	0	30
280	0	9	39	1	39	2	0	0	5	2	18	0	57	4	26	46	0	30
290	0	9	59	1	39	3	6	0	8	2	14	0	57	4	35	55	0	30
300	0	10	30	1	39	3	48	0	10	2	10	0	57	4	44	55	0	30
310	0	11	8	1	39	4	54	0	12	2	6	0	57	4	53	47	0	24
320	0	11	57	1	39	5	36	0	14	2	3	0	54	5	2	30	0	18
																	adde	
330	0	12	53	1	48	6	12	0	15	2	0	0	54	5	11	7	0	12
340	0	13	55	1	54	6	36	0	16	1	58	0	51	5	19	40	0	24
350	0	15	1	2	3	6	48	0	17	1	58	0	45	5	28	11	1	0
360	0	16	9	2	3	7	12	0	18	1	56	0	42	5	36	43	1	18
370	0	17	21	2	6	7	25	0	19	1	55	0	39	5	45	15	1	42
378	0	18	20	2	12	7	25	0	19	1	54	0	39	5	52	6	2	0

4 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			mīue		adde		adde		sept.		adde		⊙			adde	
0	0	5	44	1	42	7	42	0	19	1	51	0	54	5	52	8	1	30
10	0	7	1	1	54	7	24	0	18	1	51	0	54	0	0	40	2	6
20	0	8	15	2	0	7	18	0	18	1	53	0	51	0	9	20	2	30
30	0	9	28	2	6	6	48	0	17	1	54	0	51	0	18	3	3	0
40	0	10	36	2	12	6	42	0	17	1	57	0	48	0	26	56	3	36
50	0	11	43	2	18	6	12	0	16	2	0	0	45	0	35	54	3	54
60	0	12	45	2	18	5	30	0	14	2	2	0	42	0	44	59	4	12
70	0	13	40	2	24	5	6	0	13	2	5	0	39	0	54	15	4	30
80	0	14	31	2	36	4	0	0	10	2	8	0	39	1	3	36	4	54
90	0	15	11	2	42	3	12	0	8	2	15	0	33	1	13	10	5	0
100	0	15	43	2	48	2	0	0	5	2	20	0	33	1	22	53	5	12
110	0	16	3	2	48	1	12	0	3	2	15	0	33	1	32	46	5	0
120	0	16	15	2	54	0	30	0	1	2	28	0	33	1	42	48	5	0
	retrog̃d⁹·					mīue		mīue										
126	0	16	18	3	0	0	30	0	1	2	31	0	33	1	48	52	4	54
130	0	16	16	3	0	0	54	0	2	2	32	0	33	1	52	59	4	54
140	0	16	7	3	6	2	0	0	5	2	36	0	33	2	3	18	4	42
150	0	15	47	3	9	2	54	0	7	2	41	0	30	2	13	46	4	30
160	0	15	18	3	9	3	48	0	9	2	46	0	27	2	24	19	4	6
170	0	14	40	3	9	4	6	0	10	2	50	0	33	2	34	58	3	36
180	0	13	59	3	9	4	36	0	12	2	52	0	33	2	45	34	3	24
190	0	13	13	3	18	5	18	0	13	2	53	0	33	2	56	13	3	0
200	0	12	20	3	3	4	36	0	12	2	52	0	33	3	6	55	2	24
210	0	11	34	3	3	4	24	0	11	2	52	0	33	3	17	26	2	12
220	0	10	50	2	57	3	42	0	9	2	50	0	33	3	27	53	1	30
230	0	10	13	2	57	3	6	0	8	2	47	0	36	3	38	7	1	24
240	0	9	42	2	51	1	54	0	5	2	44	0	36	3	48	15	1	6
250	0	9	23	2	51	1	0	0	3	2	40	0	33	3	58	9	0	54
260	0	9	13	3	3	0	36	0	1	2	37	0	33	4	7	50	1	0

Residuum ♄

4 40

Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			minue		adde		adde		sept.		adde		☉			adde	
265	0	9	10	3	3	0	24	0	1	2	34	0	33	4	12	39	1	0
270	0	9	12	2	51	1	0	0	3	2	32	0	33	4	17	22	0	42
280	0	9	22	2	51	2	6	0	5	2	27	0	30	4	26	41	0	42
290	0	9	43	3	0	3	6	0	8	2	23	0	27	4	35	50	0	54
300	0	10	14	3	0	3	42	0	9	2	20	0	21	4	44	50	0	54
310	0	10	51	2	51	5	0	0	12	2	15	0	18	4	53	43	1	0
320	0	11	41	2	54	5	24	0	14	2	12	0	18	5	2	27	1	18
330	0	12	35	3	0	6	6	0	15	2	9	0	15	5	11	9	1	30
340	0	13	36	3	0	6	24	0	16	2	7	0	15	5	19	44	1	54
350	0	14	40	3	0	6	54	0	17	2	5	0	15	5	28	21	2	18
350	0	15	49	3	3	7	6	0	18	2	3	0	21	5	36	56	2	42
370	0	17	0	3	3	7	18	0	18	2	1	0	24	5	45	32	2	54
378	0	17	58	3	12	7	18	0	18	2	1	0	18	5	52	26	3	18

♄

4 50

Di	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			minue		adde		adde		sept.		adde		☉			adde	
0	0	5	27	3	0	7	30	0	19	2	0	0	12	5	52	23	3	12
10	0	6	42	3	6	7	18	0	18	2	0	0	12	0	1	1	3	36
20	0	7	55	3	0	7	12	0	18	2	1	0	12	0	9	45	4	6
30	0	9	7	3	12	6	42	0	17	2	3	0	12	0	18	23	4	36
40	0	10	14	3	18	6	36	0	16	2	5	0	15	0	27	32	4	54
50	0	11	20	3	30	6	12	0	15	2	7	0	15	0	36	33	5	24
60	0	12	22	3	30	5	24	0	13	2	9	0	15	0	45	41	5	36
70	0	13	16	3	36	4	54	0	12	2	11	0	27	0	55	0	5	54
80	0	14	51	3	42	3	54	0	10	2	15	0	27	1	4	25	6	0
90	0	14	44	3	48	3	6	0	8	2	20	0	30	1	14	0	6	12
100	0	15	15	3	54	2	0	0	5	2	25	0	30	1	23	45	6	6
110	0	15	35	4	0	1	6	0	3	2	30	0	30	1	33	36	6	6
120	0	15	46	4	6	0	20	0	1	2	34	0	30	1	43	38	6	0

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	retrog̃d⁹			miue		miue		miue		sept.		adde		☉			adde	
126	0	15	49	4	12	0	30	0	1	2	36	0	30	1	49	41	5	54
130	0	15	46	4	12	1	0	0	3	2	38	0	30	1	53	48	5	48
140	0	15	36	4	18	2	6	0	5	2	41	0	33	2	4	5	5	36
150	0	15	15	4	18	2	54	0	7	2	49	0	33	2	14	31	5	12
160	0	14	46	4	18	3	42	0	9	2	50	0	33	2	25	0	4	48
170	0	14	9	4	8	4	12	0	11	2	56	0	21	2	35	34	4	24
180	0	13	27	4	21	4	42	0	12	2	58	0	18	2	46	8	4	6
190	0	12	40	4	21	5	0	0	13	2	59	0	18	2	56	43	3	42
200	0	11	50	4	24	4	42	0	12	2	59	0	18	3	7	19	3	30
210	0	11	3	4	24	4	12	0	10	2	18	0	15	3	17	48	3	0
220	0	10	21	4	21	3	48	0	9	2	56	0	15	3	28	8	2	42
230	0	9	43	4	15	2	54	0	7	2	53	0	15	3	38	27	2	30
240	0	9	14	4	15	2	0	0	5	2	50	0	15	3	48	26	2	18
250	0	8	54	4	6	1	12	0	3	2	45	0	9	3	58	18	1	54
260	0	8	42	4	0	0	45	0	2	2	42	0	3	4	8	0	1	48
	Directus					adde		adde										
264	0	8	39	3	54	0	40	0	2	2	40	0	3	4	11	51	1	42
270	0	8	43	3	54	1	6	0	3	2	37	0	3	4	17	29	1	48
280	0	8	54	3	54	1	54	0	5	2	32	0	3	4	26	48	1	48
290	0	9	13	3	54	3	6	0	8	2	27	0	0	4	35	59	1	48
300	0	9	44	3	45	3	54	0	10	2	23	0	0	4	44	5	1	54
310	0	10	23	3	45	4	54	0	12	2	18	0	0	4	53	53	2	0
320	0	11	12	3	45	5	18	0	13	2	15	0	0	5	2	40	2	18
330	0	12	5	3	42	6	6	0	15	2	11	0	0	5	11	24	2	36
340	0	13	6	3	42	6	24	0	16	2	9	0	0	5	20	3	3	0
350	0	14	10	3	42	6	48	0	17	2	7	0	0	5	28	42	3	18
												miue						
360	0	15	18	3	51	7	12	0	18	2	7	0	9	5	37	23	3	48
370	0	16	30	3	51	7	0	0	17	2	5	0	12	5	46	1	4	12
378	0	17	26	3	42	7	0	0	17	2	4	0	6	5	52	59	4	42

h

5 0

Di	Locus			Eqtio		ad di.		ad ho		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es'	Directus			mine		adde		adde		sept.		mine		☉			adde	
0	0	4	57	3	42	7	24	0	19	2	2	0	6	5	52	55	4	12
10	0	6	11	3	42	7	18	0	18	2	2	0	0	0	1	37	4	42
20	0	7	24	3	48	7	6	0	18	2	3	0	0	0	10	26	5	12
30	0	8	35	3	51	6	36	0	17	2	5	0	0	0	19	19	5	30
40	0	9	41	3	51	6	24	0	16	2	7	0	0	0	28	21	5	42
50	0	10	45	3	51	6	12	0	15	2	9	0	0	0	37	27	5	54
60	0	11	47	4	6	5	18	0	13	2	11	0	0	0	46	37	6	24
70	0	12	40	4	6	4	48	0	12	2	16	0	6	0	55	59	6	24
80	0	13	28	4	12	3	48	0	10	2	20	0	12	1	5	25	6	36
90	0	14	6	4	18	3	0	0	8	2	25	0	12	1	15	2	6	30
100	0	14	36	4	18	1	54	0	5	2	30	0	12	1	24	49	6	24
110	0	14	55	4	30	1	0	0	3	2	35	0	18	1	34	37	6	24
120	0	15	5	4	36	0	24	0	1	2	39	0	12	1	44	38	6	18
	retrogd'					mine		mine										
125	0	15	7	4	39	0	36	0	2	2	41	0	12	1	49	39	6	12
130	0	15	4	4	39	1	6	0	3	2	43	0	6	1	54	46	5	54
140	0	14	53	4	48	2	6	0	5	2	47	0	18	2	5	1	5	42
150	0	14	31	4	54	2	54	0	7	2	52	0	30	2	15	23	5	24
160	0	14	3	5	0	3	42	0	9	2	56	0	36	2	25	48	5	6
170	0	13	26	5	0	4	18	0	11	2	59	0	36	2	36	18	4	42
180	0	12	43	5	6	4	36	0	12	3	1	0	36	2	46	49	4	30
190	0	11	57	5	6	5	6	0	13	3	2	0	30	2	57	20	4	12
200	0	11	6	5	6	4	42	0	12	3	2	0	36	3	7	54	3	42
210	0	10	19	5	0	4	6	0	10	3	1	0	39	3	18	18	3	24
220	0	9	38	4	54	3	42	0	9	2	59	0	39	3	28	35	3	12
230	0	9	1	4	54	3	0	0	7	2	56	0	42	3	38	46	2	54
240	0	8	31	4	54		48	0	5	2	53	0	42	3	48	39	2	42
250	0	8	13	4	48	1	6	0	3	2	46	0	30	3	58	37	2	42
260	0	8	2	4	39	0	30	0	1	2	42	0	21	4	8	18	2	30

5 0

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			miñue		adde		adde		sept.		miñue		☉			adde	
264	0	8	0	4	39	0	40	0	2	2	40	0	21	4	12	8	2	30
270	0	8	4	4	39	1	6	0	3	2	38	0	21	4	17	47	2	36
280	0	8	15	4	33	1	54	0	5	2	33	0	21	4	27	6	2	30
290	0	8	34	4	27	3	18	0	8	2	27	0	21	4	36	17	2	36
300	0	9	7	4	27	3	54	0	10	2	23	0	21	4	45	18	2	48
310	0	9	46	4	27	4	48	0	12	2	18	0	21	4	54	13	3	0
320	0	10	34	4	27	5	24	0	13	2	15	0	21	5	3	3	3	18
330	0	11	28	4	27	6	6	0	15	2	11	0	21	5	11	50	3	48
340	0	12	29	4	27	6	24	0	16	2	9	0	21	5	20	33	4	6
350	0	13	33	7	27	6	48	0	17	2	7	0	27	5	29	17	4	18
360	0	14	39	4	15	7	18	0	18	2	5	0	27	5	38	1	4	36
370	0	15	52	4	15	7	10	0	18	2	3	0	27	5	46	43	5	18
378	0	16	49	4	30	7	10	0	18	2	3	0	24	5	53	46	5	30

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5 10

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			miñue		adde		adde		sept.		miñue		☉			adde	
0	0	4	20	4	18	7	24	0	19	2	1	0	12	5	52	37	5	18
10	0	5	34	4	24	7	12	0	18	2	2	0	12	0	2	24	5	48
20	0	6	46	4	30	7	0	0	17	2	3	0	12	0	11	18	6	12
30	0	7	56	4	30	6	42	0	17	2	5	0	12	0	20	14	6	24
40	0	9	3	4	33	6	24	0	16	2	7	0	24	0	29	18	6	36
50	0	10	7	4	42	5	54	0	15	2	9	0	30	0	37	26	7	0
60	0	11	6	4	45	5	18	0	13	2	11	0	30	0	47	42	7	6
70	0	11	59	4	45	4	42	0	12	2	15	0	30	0	57	3	7	6
80	0	12	46	4	54	3	42	0	9	2	18	0	24	1	6	31	7	6
90	0	13	33	5	0	3	0	0	7	2	23	0	30	1	16	7	7	6
100	0	13	53	5	15	2	42	0	4	2	28	0	30	1	25	50	7	0
110	0	14	10	5	15	1	48	0	2	2	32	0	30	1	35	41	6	48
120	0	12	18	5	29	0	30	0	1	2	37	0	30	1	45	41	6	42

Residuum ħ

5 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			miue		miue		miue		sept.		miue		⊙			adde	
124	0	14	20	5	24	0	20	0	1	2	39	0	30	1	49	41	6	36
130	0	14	18	5	24	1	18	0	3	2	42	0	30	1	55	45	6	18
140	0	14	5	5	30	2	12	0	5	2	44	0	18	2	5	58	6	0
150	0	13	43	5	39	3	0	0	7	2	47	0	12	2	16	17	5	48
160	0	13	13	5	39	3	42	0	9	2	50	0	18	2	26	39	5	18
170	0	12	36	5	39	4	24	0	11	2	53	0	18	2	37	5	4	54
180	0	11	52	5	48	4	36	0	12	2	55	0	30	2	47	34	4	48
190	0	11	6	5	48	5	6	0	13	2	56	0	36	2	58	2	4	24
200	0	10	15	5	39	4	36	0	12	2	56	0	36	3	8	31	4	0
210	0	9	29	5	39	4	0	0	10	2	54	0	36	3	18	52	4	0
220	0	8	49	5	39	3	42	0	9	2	53	0	36	3	29	7	3	42
230	0	8	12	5	36	3	0	0	7	2	49	0	36	3	39	15	3	30
240	0	7	42	5	18	2	42	0	4	2	46	0	36	3	49	16	3	12
250	0	7	25	5	18	0	54	0	2	2	42	0	36	3	59	4	3	12
260	0	7	16	5	18	0	40	0	2	2	39	0	48	4	8	43	3	12
	Directus					adde		adde										
264	0	7	14	5	18	0	26	0	1	2	37	0	48	4	12	33	3	18
270	0	7	17	5	12	1	12	0	3	2	34	0	48	4	18	13	3	6
280	0	7	29	5	12	2	6	0	5	2	29	0	48	4	27	31	3	24
290	0	7	50	5	6	3	12	0	8	2	24	0	42	4	36	43	3	42
300	0	8	22	5	3	4	0	0	10	2	19	0	42	4	45	46	3	42
310	0	9	2	5	0	4	48	0	12	2	14	0	54	4	54	43	3	54
320	0	9	50	5	0	5	18	0	13	2	12	1	0	5	3	36	4	18
330	0	10	43	4	57	6	6	0	15	2	10	0	54	5	12	28	4	30
340	0	11	44	4	57	6	30	0	16	2	6	0	51	5	21	14	4	48
350	0	12	49	4	57	6	48	0	17	2	2	0	42	5	30	0	5	24
360	0	13	57	4	57	7	0	0	18	2	0	0	42	5	38	47	5	48
370	0	15	7	4	54	0	10	0	18	1	59	0	54	5	47	36	6	6
378	0	16	4	54	0	7	0	0	18	1	59	0	54	5	54	41	6	36

5 20

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		sept.		miue		☉			adde	
0	0	3	37	4	51	7	18	0	18	1	59	0	48	5	54	30	6	18
10	0	4	50	4	51	7	6	0	18	2	0	0	48	0	3	22	6	30
20	0	6	1	4	54	7	0	0	17	2	1	0	48	0	12	20	6	48
30	0	7	11	4	54	6	42	0	17	2	3	0	54	0	21	18	7	0
40	0	8	18	5	9	6	12	0	16	2	3	0	42	0	30	24	7	30
50	0	9	20	5	9	5	48	0	14	2	4	0	36	0	39	36	7	24
60	0	10	18	5	9	5	24	0	13	2	6	0	36	0	48	52	7	30
70	0	11	12	5	24	4	30	0	11	2	10	0	54	0	58	14	7	36
80	0	11	57	5	24	3	36	0	9	2	14	1	0	1	7	42	7	30
90	0	12	33	5	30	2	42	0	7	2	18	1	0	1	17	18	7	24
100	0	13	0	5	42	1	48	0	4	2	23	1	0	1	27	0	7	18
110	0	13	18	5	51	0	36	0	2	2	27	1	0	1	36	49	7	12
120	0	13	24	5	51	0	20	0	1	2	32	1	9	1	46	48	6	42
	retrogd⁹					miue		miue										
123	0	13	25	5	51	0	9	0	0	2	34	1	9	1	49	47	6	42
130	0	13	24	6	9	1	24	0	3	2	37	1	9	1	56	48	6	42
140	0	13	10	6	12	2	24	0	6	2	41	1	12	2	6	58	6	18
150	0	12	46	6	12	2	54	0	7	2	45	1	12	2	17	15	5	54
160	0	12	17	6	24	3	42	0	9	2	47	1	12	2	27	32	5	42
170	0	11	40	6	30	4	30	0	11	2	50	1	12	2	37	54	5	36
180	0	10	55	6	36	4	42	0	12	2	50	1	12	2	48	22	5	12
190	0	10	8	6	30	4	54	0	12	2	50	1	12	2	58	56	4	54
200	0	9	19	6	30	4	42	0	12	2	50	1	12	3	9	11	4	48
210	0	8	32	6	30	4	0	0	10	2	48	1	12	3	19	32	4	30
520	0	7	52	6	24	3	36	0	9	2	47	1	12	3	29	44	4	18
230	0	7	16	6	18	2	42	0	7	2	43	1	0	3	39	50	4	6
240	0	6	49	6	12	1	42	0	4	2	40	1	6	3	49	48	4	6
250	0	6	32	6	6	0	54	0	2	2	35	1	0	3	59	36	4	0
260	0	6	23	6	0	0	30	0	1	2	31	0	54	4	9	15	3	54

5 20

	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		minue		⊙			adde	
263	0	6	21	5	48	0	34	0	1	2	29	0	48	4	12	8	4	0
270	0	6	25	5	58	1	12	0	3	2	26	1	6	4	18	44	4	0
280	0	6	37	5	42	2	12	0	5	2	21	1	0	4	28	5	4	0
290	0	6	59	5	42	3	12	0	8	2	17	1	0	4	37	17	4	18
300	0	7	31	5	36	4	6	0	10	2	12	1	12	4	46	23	4	30
310	0	8	12	5	36	4	48	0	12	2	5	0	54	4	55	22	4	54
320	0	9	0	5	30	5	24	0	13	2	2	0	54	5	4	19	5	6
330	0	9	54	5	30	6	6	0	15	1	59	0	54	5	13	13	5	24
340	0	10	55	5	30	6	24	0	16	1	58	0	54	5	22	2	5	54
350	0	11	59	5	24	6	48	0	17	1	55	0	48	5	30	54	6	12
360	0	13	7	5	21	7	6	0	18	1	53	1	0	5	39	45	6	36
370	0	14	18	5	30	7	0	0	18	1	50	0	48	5	48	37	7	0
378	0	15	14	5	24	7	0	0	18	1	50	0	42	5	25	47	7	0

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5 30

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		minue		⊙			adde	
0	0	2	48	5	18	7	24	0	19	1	51	0	36	5	55	23	7	0
10	0	4	2	5	24	7	0	0	18	1	52	0	42	0	4	27	7	18
20	0	5	12	5	24	7	0	0	17	1	53	0	48	0	13	28	7	30
30	0	6	22	5	36	6	24	0	16	1	54	0	42	0	22	28	7	54
40	0	7	26	5	42	6	18	0	15	1	56	0	48	0	31	39	8	0
50	0	8	29	5	42	5	48	0	14	1	58	0	48	0	40	50	8	6
60	0	9	27	5	42	5	6	0	13	2	0	0	48	0	50	7	7	54
70	0	10	18	5	48	4	30	0	11	2	1	0	48	0	59	30	7	54
80	0	11	3	6	6	3	30	0	9	2	4	0	54	1	8	57	8	0
90	0	11	38	6	6	2	30	0	6	2	8	0	48	1	18	32	7	36
100	0	12	3	6	12	1	36	0	4	2	13	0	54	1	28	13	7	36
110	0	12	19	6	12	0	42	0	2	2	14	1	6	1	38	1	7	6
120	0	12	26	6	18	0	30	0	1	2	21	1	12	1	47	55	6	48

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog.d'			miue		miue		miue		sept.		miue		☉			adde	
122	0	12	27	6	24	0	38	0	2	2	22	1	12	1	49	53	6	48
130	0	12	22	6	24	1	24	0	4	2	26	1	18	1	57	55	6	30
140	0	12	8	6	36	2	24	0	6	2	29	1	18	2	8	1	6	18
150	0	11	44	6	36	3	6	0	8	2	33	1	24	2	18	14	5	54
160	0	11	13	6	45	3	48	0	9	3	35	1	24	2	28	29	5	54
170	0	10	35	6	45	4	36	0	11	2	38	1	42	2	38	50	5	54
180	0	9	49	6	45	4	36	0	12	2	38	1	36	2	49	14	5	6
190	0	9	3	6	54	4	54	0	12	2	38	1	30	2	59	35	5	12
200	0	8	14	6	48	4	42	0	12	2	38	1	30	3	9	59	4	48
210	0	7	27	6	42	3	54	0	10	2	36	1	30	3	20	17	4	36
220	0	6	48	6	42	3	30	0	9	2	35	1	36	3	30	27	4	30
230	0	6	13	6	36	2	36	0	7	2	33	1	54	3	40	31	4	30
240	0	5	47	6	30	1	36	0	4	2	29	2	6	3	50	29	4	24
250	0	5	31	6	24	0	48	0	2	2	25	1	48	4	0	16	4	18
260	0	5	23	6	18	0	0	0	0	2	22	1	42	4	9	54	4	30
	Direct'					adde		adde										
262	0	5	23	6	18	0	30	0	1	2	21	1	42	4	11	49	4	30
270	0	5	27	6	12	1	18	0	3	2	15	1	30	4	19	24	4	30
280	0	5	40	6	6	2	12	0	5	2	11	1	36	4	28	45	4	42
290	0	6	2	6	6	3	18	0	8	2	7	1	30	4	38	0	4	54
300	0	6	35	5	54	4	6	0	10	2	0	1	18	4	47	8	5	12
310	0	7	16	5	54	4	54	0	12	1	56	1	30	4	56	11	5	30
320	0	8	5	5	54	5	24	0	14	1	53	1	24	5	5	10	5	48
330	0	8	59	5	48	6	6	0	15	1	50	1	18	5	14	7	6	12
340	0	10	0	5	48	6	30	0	16	1	49	1	24	5	23	1	6	36
350	0	11	5	5	48	6	48	0	17	1	47	1	18	5	31	56	7	0
360	0	12	13	5	42	7	0	0	18	1	43	1	0	5	40	51	7	12
370	0	13	23	5	42	7	10	0	18	1	42	1	12	5	49	47	7	30
378	0	14	20	5	42	7	10	0	18	1	43	1	18	5	56	57	7	48

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h

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m	m̃	2
es	Direct'			minue		adde		adde		sept.		minue		⊙			adde	
0	0	1	55	5	36	7	18	0	18	1	45	1	18	5	56	43	7	30
10	0	3	8	5	42	7	0	0	17	1	45	1	18	0	5	40	7	48
20	0	4	18	5	48	6	48	0	17	1	45	1	18	0	14	43	8	6
30	0	5	26	5	51	6	18	0	16	1	47	1	18	0	23	47	8	12
40	0	6	29	5	51	6	18	0	16	1	48	1	18	0	32	59	8	12
50	0	7	32	5	54	5	48	0	15	1	50	1	18	0	42	11	8	6
60	0	8	30	6	0	5	0	0	13	1	52	1	24	0	51	26	8	6
70	0	9	20	6	6	4	12	0	10	1	53	1	24	1	0	45	8	0
80	0	10	2	6	12	3	30	0	9	1	55	1	24	1	10	17	7	42
90	0	10	37	6	12	2	24	0	6	2	0	1	36	1	19	48	7	30
100	0	11	1	6	18	1	36	0	4	2	4	1	36	1	29	28	7	12
110	0	11	17	6	30	0	36	0	2	2	6	1	36	1	39	12	7	0
	retrog̃d⁹					minue		minue										
120	0	11	23	6	42	0	30	0	1	2	9	1	36	1	49	3	6	48
130	0	11	18	6	42	1	36	0	4	2	13	1	42	1	59	0	6	24
140	0	11	2	6	48	2	24	0	6	2	16	1	42	2	9	4	6	6
150	0	10	38	6	54	3	18	0	8	2	19	1	42	2	29	13	5	0
160	0	10	5	6	54	3	48	0	9	2	21	1	42	2	29	28	5	30
170	0	9	27	6	54	4	30	0	11	2	21	1	42	2	39	44	5	18
180	0	8	42	7	6	4	48	0	12	2	22	1	48	2	50	5	5	24
290	0	7	54	7	6	4	48	0	12	2	23	1	54	3	0	17	5	6
200	0	7	6	7	6	4	36	0	11	2	23	1	54	3	10	47	5	0
210	0	6	20	7	0	3	54	0	10	2	21	1	48	3	21	3	4	48
220	0	5	41	6	54	3	24	0	8	2	19	2	0	3	31	12	4	48
230	0	5	7	6	48	3	20	0	6	2	14	1	48	3	41	16	4	36
240	0	4	42	6	42	1	30	0	4	2	8	1	39	3	51	13	4	36
250	0	4	27	6	42	0	42	0	2	2	7	1	42	4	0	59	4	54
260	0	4	20	6	30	0	0	0	0	2	5	1	54	4	10	39	4	48

Residuū h

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			minue		adde		adde		sept.		minue		☉			adde	
261	0	4	20	6	30	0	33	0	1	2	4	1	54	4	11	36	4	54
270	0	4	25	6	30	1	24	0	3	2	0	1	48	4	20	9	5	6
280	0	4	39	6	24	2	18	0	6	1	55	1	30	4	29	32	5	18
290	0	5	2	6	24	3	24	0	8	1	52	1	36	4	38	49	5	42
300	0	5	36	6	12	4	6	0	10	1	47	1	30	4	48	0	5	48
310	0	6	17	6	12	4	54	0	12	1	41	1	18	4	57	6	6	18
320	0	7	6	6	6	5	30	0	14	1	39	1	24	5	6	8	6	30
330	0	8	1	5	54	6	6	0	15	1	37	1	36	5	15	9	6	42
340	0	9	2	5	54	6	30	0	16	1	35	1	30	5	24	7	7	6
350	0	10	7	6	0	6	54	0	17	1	34	1	30	2	33	6	7	30
360	0	11	16	6	6	7	0	0	18	1	33	1	24	5	42	3	7	54
370	0	12	26	6	6	7	10	0	18	1	30	1	18	5	51	2	8	12
378	0	13	23	6	12	7	10	0	18	1	30	1	18	5	58	15	8	30

h

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
0	0	0	59	5	54	7	12	0	18	1	32	1	24	5	57	58	8	0
10	0	2	11	5	54	6	54	0	17	1	32	1	24	0	6	58	8	12
20	0	3	20	5	54	6	42	0	17	1	32	1	24	0	15	4	8	18
30	0	4	27	5	54	6	24	0	16	1	34	1	30	0	24	9	8	30
40	0	5	31	5	57	6	12	0	15	1	35	1	30	0	33	21	8	6
50	0	6	33	6	6	5	42	0	14	1	37	1	36	0	42	32	8	12
60	0	7	30	6	18	4	54	0	12	1	38	1	42	0	52	47	8	12
70	0	8	19	6	18	4	6	0	10	1	39	1	36	1	2	9	7	48
80	0	9	0	6	18	3	30	0	9	1	41	1	30	1	11	34	7	36
90	0	9	35	6	30	0	18	0	6	1	44	1	30	1	21	3	7	24
100	0	9	58	6	36	1	24	0	3	1	48	1	36	1	30	40	7	6
110	0	10	12	6	45	0	27	0	1	1	50	1	30	1	40	22	6	54

Residuū h

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogđ			minue		minue		minue		sept.		minue		☉			adde	
119	0	10	16	6	45	0	0	0	0	1	53	1	42	1	49	12	6	24
120	0	10	16	6	48	0	30	0	1	1	53	1	42	1	50	11	6	30
130	0	10	11	7	6	1	42	0	4	1	56	1	54	2	0	4	6	24
140	0	9	54	7	6	2	30	0	6	1	59	1	54	2	10	5	6	12
150	0	9	29	7	6	3	18	0	8	2	2	2	0	2	20	13	5	42
160	0	8	56	7	18	3	48	0	10	2	4	2	0	2	30	23	5	42
170	0	8	18	7	30	4	42	0	12	2	4	1	54	2	40	37	5	24
180	0	7	31	7	24	4	48	0	12	2	4	2	0	2	50	59	5	24
190	0	6	43	7	24	4	48	0	12	2	4	2	6	3	1	18	5	18
200	0	5	55	7	24	4	30	0	11	2	4	2	6	3	11	37	5	12
210	0	5	10	7	18	3	48	0	9	2	3	2	6	3	21	51	5	12
220	0	4	32	7	12	3	18	0	8	1	59	1	54	3	32	0	5	0
230	0	3	59	7	6	2	24	0	6	1	56	2	0	3	42	2	5	6
240	0	3	35	7	0	1	30	0	4	1	52	1	54	3	51	59	5	6
250	0	3	20	6	54	0	30	0	1	1	50	1	54	4	1	48	5	18
260	Directus					adde		adde										
260	0	3	15	6	42	0	30	0	1	1	46	1	42	4	11	27	5	18
270	0	3	20	6	36	1	30	0	4	1	42	1	36	4	21	0	5	30
280	0	3	35	6	24	2	18	0	6	1	40	1	54	4	31	25	5	42
290	0	3	58	6	24	3	36	0	9	1	36	1	48	4	39	46	6	6
300	0	4	34	6	24	4	6	0	10	1	32	1	42	4	48	58	6	30
310	0	5	15	6	6	5	0	0	13	1	28	1	42	4	58	9	6	24
320	0	6	5	6	3	5	42	0	14	1	25	1	48	5	7	13	6	48
330	0	7	2	6	3	6	6	0	15	1	21	1	30	5	16	16	7	18
340	0	8	3	5	54	6	24	0	16	1	20	1	30	5	25	18	7	24
350	0	9	7	5	54	6	48	0	17	1	19	1	36	5	34	21	7	42
360	0	10	15	5	42	7	0	0	18	1	19	1	54	5	43	22	7	48
370	0	11	25	5	36	7	0	0	18	1	17	1	42	5	54	40	7	42
378	0	12	21	5	30	7	0	0	18	1	17	1	30	5	59	40	7	24

ℭ Tabula radicum Iouisin annis collectis.

Anni	Supatio			motus		
	Di.	ho.	m̄	S	g̃	m̄
40	250	4	43	1	53	41
80	101	12	13	4	20	32
120	351	16	56	0	14	13
160	203	0	27	2	41	4
200	54	7	57	5	7	55
240	304	12	40	1	1	36
280	155	20	11	3	28	27
320	7	3	41	5	55	18
360	257	8	24	1	48	59
400	108	15	55	4	15	50
440	358	20	38	0	9	31
480	210	4	8	2	36	22
520	61	11	39	5	3	13
560	311	16	22	0	56	54
600	162	23	52	3	23	45
640	14	7	23	5	50	36
680	264	12	6	3	44	17
720	115	19	36	4	11	8
760	366	0	19	0	4	44
800	217	7	50	2	31	40
840	68	15	20	4	58	31
880	318	20	3	0	52	12
920	170	3	34	3	19	3
960	21	11	4	5	45	54
1000	271	15	47	1	39	35
1040	122	23	18	4	6	26
1080	373	4	0	0	0	7
1120	224	11	31	2	26	58
1160	75	19	2	4	53	49
1200	325	23	44	0	47	30
1240	177	7	15	3	14	21
1280	28	14	46	5	41	12
1320	278	19	29	1	34	53
1360	130	2	59	4	1	44
1400	380	7	42	5	55	25
1440	231	15	13	2	22	16
1480	82	22	43	4	49	7
1520	333	3	26	0	42	48
1560	184	10	57	3	9	39
1600	35	18	27	5	36	30
1640	285	23	10	1	30	11
1680	137	6	41	3	57	2
1720	387	11	23	5	50	43
1760	238	18	54	2	17	34
1800	90	2	25	4	44	25
1840	340	7	7	0	18	6
1880	101	14	38	3	4	57
1920	42	22	9	5	31	48
1960	293	2	51	1	25	29
2000	144	10	23	3	52	20

ℭ Tabule radicum ♃ in annis expansis.

Anni	Supatio			motus		
	Di.	ho.	m̄	S	g̃	m̄
1	365	0	0	0	0	0
2	331	2	48	0	33	9
3	297	5	36	1	6	19
4	264	8	24	1	39	28
5	230	11	11	2	12	38
6	196	13	59	2	45	47
7	162	16	47	3	18	57
8	129	19	35	3	52	6
9	95	22	23	4	25	16
10	62	1	11	4	58	25
11	28	3	59	5	31	35
12	394	3	59	5	31	35
13	360	6	46	0	4	44
14	326	9	34	0	37	54
15	292	12	22	1	11	3
16	259	15	10	1	44	13

Residuū tabule radicū ♃

in ānis expāsis	Dupatio Di.	ho	m̄	motus S	g	m
an 17 m	225	17	58	2	17	23
18	191	20	46	2	50	32
19	157	23	34	3	23	41
20	125	2	21	3	56	51
21	91	5	9	4	30	0
22	57	7	57	5	3	10
23	23	10	45	5	36	19
24	389	10	45	5	36	19
25	355	13	33	0	9	28
26	321	16	21	0	42	38
27	287	18	9	1	15	48
28	254	21	56	1	48	57
29	221	0	44	2	22	7
30	187	3	32	2	55	16
31	153	6	20	3	28	25
32	120	9	8	4	1	35
33	86	11	56	4	34	44
34	52	14	43	5	7	54
35	18	17	31	5	41	3
36	384	17	31	5	41	3
37	350	20	19	0	14	23
38	316	23	7	6	47	22
39	283	1	55	1	20	32
40	250	4	43	1	53	41
Radices ♃						
xp̄i	108	5	24	2	51	35
1400	89	15	53	3	20	12
440	339	20	37	5	13	54

Tabella brevis

Dies	minue		mot⁹ adde		
398	21	12	0	33	9
797	18	24	1	6	19
1196	15	36	1	39	28
1595	12	48	2	12	38

Tabula medij motus ♃

in diebus

Di.	S	g	m̄	2
700	0	0	0	0
600	0	0	0	0
500	0	0	0	0
400	0	0	0	0
300	0	24	56	18
200	0	16	37	32
100	0	8	18	46
90	0	7	28	53
80	0	6	39	1
70	0	5	49	8
60	0	4	59	15
50	0	4	9	23
40	0	3	19	31
30	0	2	29	38
20	0	1	39	45
10	0	0	49	53
9	0	0	44	53
8	0	0	39	54
7	0	0	34	55
6	0	0	29	56
5	0	0	24	56
4	0	0	19	57
3	0	0	14	58
2	0	0	9	59
1	0	0	4	59

in horis

ho	S	g	m̄	2
1	0	0	0	12
2	0	0	0	24
3	0	0	0	37
4	0	0	0	49
5	0	0	1	2
6	0	0	1	14
7	0	0	1	27
8	0	0	1	40
9	0	0	1	52
10	0	0	2	4
11	0	0	2	17
12	0	0	2	30
13	0	0	2	42
14	0	0	2	54
15	0	0	3	6
16	0	0	3	18
17	0	0	3	31
18	0	0	3	44
19	0	0	3	57
20	0	0	4	9
21	0	0	4	22
22	0	0	4	34
23	0	0	4	47
24	0	0	4	59
25	0	0	5	11
26	0	0	5	23
27	0	0	5	36
28	0	0	5	48
29	0	0	6	1
30	0	0	6	13

♃

	Locus			Eq̃tio		ad di. (0)		ad ho. (0)		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		adde		☉			adde	
0	0	0	0	4	54	13	6	0	33	1	4	0	15	5	57	52	4	42
10	0	2	11	5	0	12	48	0	32	1	4	0	15	0	5	30	5	12
20	0	4	19	5	3	12	30	0	31	1	5	0	15	0	13	16	5	36
30	0	6	24	5	3	12	12	0	30	1	6	0	15	0	21	7	6	6
40	0	8	26	5	3	11	36	0	29	1	7	0	18	0	29	7	6	24
50	0	10	22	5	12	11	0	0	27	1	9	0	18	0	37	15	7	0
60	0	12	17	5	15	10	12	0	25	1	11	0	18	0	45	34	6	54
70	0	13	54	5	21	9	6	0	23	1	14	0	24	0	54	1	7	30
80	0	15	25	5	24	8	12	0	20	1	18	0	24	1	2	42	7	42
90	0	16	47	5	27	6	48	0	17	1	23	0	24	1	11	34	7	42
100	0	17	55	5	30	5	24	0	13	1	27	0	24	1	20	41	7	54
110	0	18	49	5	42	3	42	0	9	1	32	0	24	1	30	2	7	54
120	0	19	26	5	48	1	41	0	4	1	37	0	18	1	39	37	7	54
130	0	19	42	5	54	0	51	0	2	1	42	0	18	1	49	32	7	48
	retrog̃d⁹					minue		minue										
137	0	19	49	6	6	1	0	0	2	1	44	0	18	1	56	33	7	42
140	0	19	46	6	9	1	42	0	4	1	46	0	18	1	59	39	7	42
150	0	19	29	6	9	3	24	0	8	1	50	0	18	2	10	4	7	24
160	0	18	55	6	21	5	6	0	13	1	54	0	12	2	20	42	7	18
170	0	18	4	6	27	6	18	0	16	1	58	0	12	2	31	34	6	54
180	0	17	1	6	36	7	18	0	18	2	1	0	12	2	42	33	6	42
190	0	15	48	6	51	7	42	0	19	2	3	0	6	2	53	38	6	36
200	0	14	31	6	51	7	30	0	19	2	5	0	0	3	4	44	6	12
210	0	13	16	7	0	7	0	0	18	2	3	0	0	3	15	44	6	6
220	0	12	6	5	48	5	54	0	15	2	1	0	0	3	26	37	5	30
												minue						
230	0	11	7	6	36	4	18	0	11	1	58	0	0	3	37	14	4	54
240	0	10	24	6	18	2	36	0	7	1	54	0	6	3	47	31	4	36
250	0	9	58	6	12	0	53	0	2	1	50	0	12	3	57	32	4	12

Residuũ ♃

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
es	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
	Directus			minue		adde		adde		sept.		minue		☉			adde	
259	0	9	50	6	0	0	0	0	0	1	47	0	12	4	6	18	3	54
260	0	9	50	5	54	1	0	0	2	1	46	0	12	4	7	13	3	48
270	0	10	0	5	36	2	48	0	7	1	42	0	12	4	16	34	3	24
280	0	10	28	5	30	4	30	0	11	1	18	0	15	4	25	35	3	24
290	0	11	13	5	27	6	0	0	15	1	33	0	15	4	34	20	3	24
300	0	12	13	5	15	7	36	0	19	1	29	0	15	4	42	51	3	6
310	0	13	29	5	12	8	36	0	22	1	24	0	18	4	51	5	3	24
320	0	14	55	4	54	9	42	0	24	1	20	0	18	4	59	12	3	12
330	0	16	32	4	42	10	36	0	27	1	16	0	18	5	7	12	3	12
340	0	18	18	4	36	11	24	0	29	1	13	0	18	5	15	2	3	30
350	0	20	12	4	33	12	6	0	30	1	12	0	21	5	22	49	3	48
360	0	22	13	4	30	12	24	0	31	1	10	0	21	5	30	32	4	6
370	0	24	17	4	18	12	42	0	32	1	9	0	21	5	38	15	4	12
380	0	26	25	4	3	13	6	0	33	1	8	0	21	5	45	58	4	36
390	0	28	35	4	3	13	6	0	33	1	7	0	21	5	53	43	4	54
398	0	30	20	4	0			0	33	1	6	0	21	0	0	0	5	0

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
es	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
0	5	59	11	4	54	13	0	0	32	1	6	0	9	5	58	39	5	6
10	0	1	21	4	54	12	42	0	32	1	7	0	9	0	6	22	5	24
20	0	3	28	4	54	12	30	0	31	1	7	0	9	1	12	12	5	54
30	0	5	33	4	45	12	18	0	31	1	9	0	6	0	22	8	6	6
40	0	7	36	4	45	11	24	0	29	1	10	0	6	0	30	11	6	30
50	0	9	30	4	45	11	0	0	27	1	12	0	6	0	38	25	6	24
60	0	11	20	4	51	10	0	0	25	1	14	0	6	0	46	43	7	0
70	0	13	0	4	51	9	6	0	23	1	18	0	6	0	55	16	7	6
80	0	14	31	4	57	8	12	0	20	1	22	0	0	1	3	59	7	30
90	0	15	53	5	12	6	42	0	17	1	27	0	0	1	12	51	7	36
100	0	17	0	5	18	5	12	0	13	1	31	0	0	1	22	0	7	30
110	0	17	52	5	24	3	36	0	9	1	36	0	0	1	31	21	7	30

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Di																		
	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		minue		☉			adde	
120	0	18	28	5	27	1	36	0	4	0	40	1	40	1	40	56	7	18
130	0	18	44	5	30	0	48	0	1	1	45	0	9	1	50	50	7	6
	retrogd'					minue		minue										
135	0	18	48	5	45	0	36	0	2	1	47	0	9	1	55	49	7	18
140	0	18	45	5	45	1	42	0	4	1	49	0	9	2	0	56	7	0
150	0	18	28	5	54	3	42	0	9	1	53	0	9	2	11	18	6	48
160	0	17	51	6	0	5	6	0	13	1	56	0	9	2	21	55	6	30
170	0	17	0	6	18	6	30	0	16	2	0	0	12	2	32	43	6	24
180	0	15	55	6	30	7	36	0	19	2	3	0	12	2	43	40	6	12
190	0	14	39	6	9	7	36	0	19	2	4	0	24	2	54	44	5	30
200	0	13	23	6	9	7	42	0	19	2	5	0	27	3	5	46	5	18
210	0	12	6	6	9	6	48	0	17	2	3	0	27	3	16	45	4	54
220	0	10	58	6	9	5	42	0	14	2	1	0	27	3	27	32	4	30
230	0	9	1	6	33	4	0	0	10	1	58	0	36	3	38	3	4	18
240	0	9	21	6	33	2	30	0	6	1	53	0	36	3	48	17	4	6
250	0	8	56	5	39	0	45	0	2	1	48	0	24	3	58	14	3	30
	Direct'					adde		adde										
258	0	8	50	5	36	0	30	0	1	1	45	0	18	4	5	58	3	30
260	0	8	51	5	33	1	18	0	3	1	43	0	18	4	7	51	3	24
270	0	9	4	5	24	2	54	0	7	1	40	0	18	4	17	8	3	18
280	0	9	££	5	0	4	30	0	11	1	35	0	24	4	26	9	2	54
290	0	10	18	4	48	6	18	0	16	1	31	0	30	4	34	54	2	42
300	0	11	21	4	30	7	36	0	19	1	27	0	30	4	43	22	2	42
310	0	12	97	4	37	8	54	0	22	1	22	0	30	4	51	39	2	42
320	0	14	6	4	24	9	54	0	24	1	17	0	30	4	56	44	3	0
330	0	15	45	4	12	10	42	0	27	1	13	0	24	5	7	44	3	6
340	0	17	32	4	0	11	30	0	29	1	10	0	18	5	15	37	3	18
350	0	19	27	3	54	12	6	0	30	1	8	0	18	5	23	27	3	30
360	0	21	28	3	39	12	36	0	31	1	6	0	18	5	31	13	4	0
370	0	23	34	3	39	12	51	0	32	1	6	0	24	5	38	51	4	0
380	0	25	42	3	36	13	9	0	33	1	5	0	30	5	46	44	4	24
390	0	27	54	3	36	13	12	0	33	1	4	0	30	5	54	32	4	48
398	0	29	40	3	36			0	33	1	3	0	30	0	0	50	5	6

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	Locus			Eq̄tio		ad vi.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	ḡ	m̄	m̄	2	m̄	2	m̄	2	ḡ	m̄	m̄	2	S	ḡ	m̄	m̄	2
es	Directus			minue		adde		adde		sept.		minue		☉			adde	
0	5	58	22	4	36	13	0	0	32	1	7	0	6	5	59	30	5	6
10	0	0	32	4	24	12	42	0	31	1	8	0	6	0	7	16	5	24
20	0	2	39	4	24	12	42	0	31	1	9	0	6	0	15	11	5	48
30	0	4	46	4	30	12	12	0	30	1	10	0	6	0	23	9	6	12
40	0	6	48	4	30	11	30	0	29	1	11	0	6	0	31	16	6	24
50	0	0	43	4	30	10	48	0	27	1	13	0	12	0	39	29	6	36
60	0	10	31	4	30	10	6	0	25	1	15	0	18	0	47	53	6	48
70	0	12	12	4	30	9	0	0	23	1	18	0	18	0	26	27	6	48
80	0	13	42	4	30	7	54	0	20	1	22	0	18	1	5	11	6	54
90	0	15	1	4	33	6	36	0	17	1	27	0	21	1	14	7	6	48
100	0	16	7	4	33	5	6	0	13	1	31	0	24	1	23	15	6	36
110	0	16	58	4	48	3	36	0	9	1	36	0	30	1	32	36	6	42
120	0	17	34	4	54	1	30	0	4	1	39	0	18	1	42	9	6	30
130	0	17	49	4	57	0	15	0	1	1	43	0	18	1	52	1	6	18
	retrog̃d⁹					minue		minue										
134	0	17	50	4	57	0	20	0	1	1	45	0	18	1	56	2	6	0
140	0	17	48	5	0	1	54	0	5	1	47	0	18	2	2	6	5	54
150	0	17	29	5	12	3	48	0	9	1	51	0	30	2	12	26	5	42
160	0	16	51	5	18	5	24	0	13	1	55	0	33	2	23	0	5	24
170	0	15	57	5	21	6	42	0	18	1	58	0	33	2	33	47	5	6
180	0	14	51	5	21	7	12	0	18	2	1	0	33	2	44	42	4	36
190	0	13	38	5	39	7	42	0	19	2	0	0	33	2	55	39	4	48
200	0	12	21	5	45	7	42	0	19	2	0	9	36	3	6	39	4	44
210	0	11	4	5	36	6	48	0	17	1	59	0	36	3	17	34	3	54
220	0	9	56	5	24	5	30	0	14	1	57	0	39	3	28	17	3	42
230	0	9	1	5	12	4	6	0	10	1	52	0	39	3	38	46	3	12
240	0	8	20	5	6	2	0	0	5	1	47	0	39	3	48	58	3	0
250	0	8	0	5	0	0	51	0	2	1	44	0	39	3	58	49	2	48

Residuum ♃

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		minue		☉			adde	
257	0	7	54	4	54	0	20	0	1	1	42	0	42	4	5	35	2	42
260	0	7	55	4	48	1	30	0	4	1	41	0	48	4	8	25	2	42
270	0	8	10	4	45	3	18	0	8	1	37	0	48	4	17	41	2	42
280	0	8	43	4	36	4	42	0	12	1	31	0	39	4	26	38	2	30
290	0	9	30	4	21	6	36	0	16	1	26	0	39	4	35	21	2	30
300	0	10	36	4	12	7	42	0	19	1	22	0	39	4	43	49	2	30
310	0	11	53	3	54	8	54	0	22	1	17	0	39	4	52	6	2	30
320	0	13	22	3	45	10	9	0	24	1	12	0	39	5	0	14	2	36
330	0	15	3	3	42	10	54	0	27	1	9	0	39	5	8	15	3	0
340	0	16	52	3	36	11	36	0	29	1	7	0	39	5	16	10	3	12
350	0	18	48	3	30	12	24	0	31	1	5	0	39	5	24	2	3	24
360	0	20	52	3	24	12	36	0	32	1	3	0	39	5	31	48	3	48
370	0	22	58	3	18	12	48	0	32	1	2	0	39	5	39	37	4	6
380	0	25	6	3	12	13	12	0	33	1	0	0	39	5	47	28	4	24
390	0	27	18	3	0	13	18	0	33	0	59	0	39	5	55	20	4	30
398	0	29	4	2	24			0	33	0	58	0	36	0	1	41	4	36

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogato			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			minue		adde		adde		sept.		minue		☉			adde	
0	5	57	36	4	12	13	12	0	33	1	6	0	12	0	0	21	5	12
10	5	59	48	4	6	12	42	0	32	1	7	0	12	0	8	10	5	30
20	0	1	55	4	3	12	36	0	32	1	8	0	12	0	16	9	5	42
30	0	4	1	4	0	12	12	0	31	1	9	0	12	0	24	11	5	54
40	0	6	3	3	54	11	30	0	29	1	10	0	15	0	32	20	6	0
50	0	7	58	4	3	10	48	0	27	1	11	0	15	0	40	35	6	24
60	0	9	46	4	3	10	6	0	25	1	12	0	15	0	49	1	6	18
70	0	11	27	4	3	9	0	0	23	1	15	0	15	0	57	35	6	24
80	0	12	57	4	6	7	48	0	20	1	19	0	15	1	6	20	6	18
90	0	14	15	4	6	6	42	0	17	1	23	0	15	1	15	15	6	12
100	0	15	22	4	6	5	48	0	14	1	27	0	15	1	24	21	6	0
110	0	16	10	4	6	3	30	0	9	1	31	0	18	1	33	43	5	36
120	0	16	45	4	12	1	24	0	4	1	36	0	24	1	43	14	5	30
130	0	16	59	4	15	0	40	0	2	1	40	0	36	1	53	4	5	12

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Residuū ♃

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	retrogd'			minue		minue		minue		sept.		minue		☉			adde	
133	0	17	1	4	24	0	26	0	1	1	41	0	36	1	56	2	5	6
140	0	16	58	4	36	2	6	0	5	1	44	0	39	2	3	55	5	6
150	0	16	37	4	42	3	54	0	10	1	46	0	39	2	13	23	4	48
160	0	16	58	4	42	5	30	0	14	1	49	0	43	2	23	54	4	24
170	0	15	3	4	42	6	18	0	16	1	52	0	48	2	34	38	4	0
180	0	13	57	4	42	7	36	0	19	1	55	1	0	2	45	28	3	48
190	0	12	41	4	45	7	42	0	19	1	55	1	6	2	56	27	3	30
200	0	11	24	4	45	7	36	0	19	1	54	1	6	3	7	23	3	0
210	0	10	8	4	45	0	36	0	17	1	53	1	12	3	18	13	3	0
220	0	9	2	4	48	5	18	0	13	1	50	1	12	3	28	54	2	48
230	0	8	9	4	48	4	0	0	10	1	45	1	6	3	39	18	2	42
240	0	7	29	4	30	1	54	0	5	1	41	1	6	3	49	28	2	18
250	0	7	10	4	30	1	0	0	2	1	38	1	6	3	59	17	2	24
	Direct'					°adde		adde										
255	0	7	5	4	24	0	24	0	1	1	35	0	57	4	4	8	2	18
260	0	7	7	4	18	1	30	0	5	1	33	0	57	4	8	52	2	12
270	0	7	22	4	12	3	30	0	9	1	29	0	57	4	18	8	2	6
280	0	7	57	4	6	5	0	0	13	1	25	0	57	4	27	3	2	18
290	0	8	47	3	54	6	42	0	17	1	20	0	54	4	35	46	2	12
300	0	9	54	3	48	8	0	0	21	1	16	0	54	4	44	14	2	24
310	0	11	14	3	36	9	6	0	23	1	11	0	54	4	52	31	2	30
320	0	12	45	3	18	10	5	0	25	1	6	1	51	5	0	40	2	36
330	0	14	26	3	6	11	0	0	27	1	3	0	51	5	8	45	2	42
340	0	16	16	2	54	11	42	0	29	1	1	0	51	5	16	42	2	48
350	0	18	13	2	39	12	30	0	31	0	58	0	48	5	24	36	3	0
360	0	20	18	2	39	12	42	0	32	0	57	0	48	5	32	26	3	30
370	0	22	25	2	30	12	44	0	32	0	55	0	45	5	40	10	3	42
380	0	24	34	2	21	13	24	0	33	0	54	0	45	5	48	12	3	48
390	0	26	42	2	18	13	24	0	53	0	53	0	45	5	59	5	4	6
398	0	28	35	2	12			0	33	0	52	0	45	0	2	27	4	12

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Dies	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
	S	g̃	m̃	m̃	2	m	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			mi9e		adde		adde		sept.		mi9e		☉			adde	
0	5	56	54	3	39	13	18	0	33	1	4	0	24	0	1	13	5	0
10	5	59	7	3	39	12	48	0	32	1	5	0	24	0	9	5	5	24
20	0	1	15	3	39	12	36	0	31	1	6	0	30	0	17	6	5	36
30	0	3	21	3	36	12	18	0	31	1	7	0	30	0	25	10	5	42
40	0	5	24	3	30	11	18	0	28	1	7	0	30	0	33	20	5	48
50	0	7	17	3	18	10	54	0	27	1	8	0	30	0	41	39	5	36
60	0	9	6	3	18	10	6	0	25	1	10	0	30	0	50	4	5	42
70	0	10	47	3	12	8	54	0	22	1	12	0	30	0	58	39	5	24
80	0	12	16	3	12	7	48	0	20	1	16	0	36	1	7	23	5	18
90	0	13	34	3	12	6	42	0	17	1	21	0	48	1	16	17	5	6
100	0	14	41	3	21	4	48	0	12	1	25	0	54	1	25	21	4	54
110	0	15	29	3	21	3	24	0	8	1	28	0	54	1	34	39	4	36
120	0	16	3	3	33	1	18	0	3	1	32	1	0	1	44	9	4	30
130	0	16	16	3	33	0	20	0	1	1	34	1	0	1	53	56	4	0
	retrog͂d⁹					mi9e		mi9e										
134	0	16	17	3	33	0	50	0	2	1	35	1	0	1	57	53	4	0
140	0	16	12	3	36	2	12	0	5	1	37	1	6	2	3	56	3	42
150	0	15	50	3	48	3	54	0	10	1	40	1	6	2	14	11	3	30
160	0	15	11	3	51	5	30	0	14	1	42	1	6	2	24	38	3	6
170	0	14	16	3	54	6	36	0	17	1	44	1	6	2	35	18	3	0
180	0	13	10	3	18	7	42	0	19	1	45	1	12	2	46	6	2	54
190	0	11	53	4	9	7	36	0	19	1	44	1	6	2	57	2	2	24
200	0	10	37	4	9	7	36	0	19	1	43	1	6	3	7	53	2	30
210	0	9	21	4	9	6	42	0	17	1	41	1	6	3	18	43	2	6
220	0	8	14	3	24	5	18	0	13	1	38	1	6	3	29	22	1	48
230	0	7	21	3	51	3	42	0	9	1	34	1	3	3	39	45	1	36
240	0	6	44	3	51	1	54	0	5	1	30	1	3	3	49	51	1	36
250	0	6	25	3	36	0	48	0	2	1	27	1	3	3	59	41	1	24

Residuū ♃

0 40

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			minue		adde		adde		sept.		minue		☉			adde	
255	0	6	21	3	24	0	36	0	1	1	26	1	3	3	59	41	1	24
260	0	6	24	3	18	1	39	0	4	1	24	1	3	4	9	14	1	12
270	0	6	40	3	12	3	36	0	9	1	50	1	3	4	18	29	1	24
280	0	7	16	3	0	5	12	0	13	1	15	1	0	1	27	26	1	18
290	0	8	8	2	42	6	48	0	17	1	11	0	54	4	36	8	1	18
300	0	9	16	2	36	8	12	0	20	1	7	0	54	4	44	38	1	30
310	0	10	36	2	30	9	24	0	23	1	2	0	54	4	52	56	1	48
320	0	12	12	2	24	10	18	0	26	0	58	0	54	5	1	6	2	0
330	0	13	55	2	18	11	12	0	28	0	58	0	48	5	9	12	2	12
340	0	15	47	2	6	12	0	0	30	0	52	0	48	5	17	10	2	30
350	0	17	47	2	6	12	24	0	31	0	50	0	48	5	25	6	2	54
360	0	19	51	1	48	12	54	0	32	0	48	0	48	5	33	1	3	0
370	0	22	0	1	36	13	6	0	33	0	48	0	48	5	40	55	3	6
380	0	24	11	1	30	13	24	0	34	0	47	0	48	5	48	50	3	18
390	0	26	25	1	18	13	30	0	34	0	45	0	48	5	56	46	3	24
398	0	28	13	1	6			0	34	0	44	0	48	5	3	9	3	30

0 ♃ 50

	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elōgatō			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
0	5	56	18	3	6	13	12	0	33	1	0	0	36	0	2	3	4	48
10	5	58	30	3	9	12	48	0	32	1	1	0	42	0	9	59	5	0
20	0	0	38	2	57	12	42	0	32	1	1	0	42	0	18	2	5	0
30	0	2	45	2	57	12	24	0	31	1	2	0	42	0	26	7	5	18
40	0	4	49	2	57	11	30	0	29	1	2	0	42	0	34	18	5	24
50	0	6	44	2	54	10	54	0	27	1	3	0	42	0	42	35	5	18
60	0	8	33	2	51	10	12	0	25	1	5	0	48	0	51	1	5	0
70	0	10	15	2	51	8	54	0	22	1	7	0	48	0	59	33	4	54
80	0	11	44	2	51	7	48	0	19	1	10	0	48	1	8	16	4	48
90	0	13	2	2	42	6	30	0	16	1	13	0	48	1	17	8	4	12
100	0	14	7	2	39	4	54	0	12	1	16	0	54	1	26	10	3	54
110	0	14	56	2	39	3	6	0	8	1	19	0	54	1	35	25	3	30
120	0	14	27	2	39	1	24	0	3	1	22	1	6	1	44	54	3	12
130	0	15	41	2	39	0	0	0	0	1	24	1	12	1	54	36	2	48

Residuum ♃

0 50

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue		minue		se	pt.	minue		☉			adde	
133	0	15	41	2	9	0	40	0	2	1	25	1	12	1	57	34	2	36
140	0	15	36	2	36	2	24	0	6	1	26	1	12	2	4	33	2	24
150	0	15	12	2	36	3	54	0	10	1	29	1	12	2	14	46	1	54
160	0	14	33	2	39	5	36	0	14	1	31	1	12	2	25	9	1	42
170	0	13	37	2	39	7	0	0	17	1	33	1	12	2	35	48	1	18
180	0	12	27	2	39	7	30	0	19	1	33	1	18	2	46	35	1	0
190	0	11	12	2	54	7	42	0	19	1	33	1	18	2	57	26	1	12
200	0	9	55	2	54	7	30	0	19	1	32	1	18	3	8	18	0	54
210	0	8	40	2	54	6	30	0	19	1	30	1	24	3	19	4	0	48
220	0	7	35	2	48	5	12	0	13	1	27	1	30	3	29	40	0	36
230	0	6	43	2	48	3	48	0	9	1	24	1	36	3	40	1	0	42
240	0	6	5	2	30	1	36	0	4	1	20	1	30	3	50	7	0	30
250	0	5	49	2	30	0	30	0	1	2	16	1	24	3	59	55	0	30
	Directus					adde		adde										
254	0	5	47	2	2	0	40	0	2	1	15	1	24	4	3	49	0	36
260	0	5	51	2	21	1	42	0	4	1	13	1	24	4	9	26	0	39
270	0	6	8	2	0	3	48	0	9	1	9	1	24	4	18	43	0	18
280	0	6	46	1	51	5	30	0	14	1	5	1	24	4	27	39	0	24
290	0	7	8	1	51	6	54	0	17	1	2	1	24	4	36	21	0	48
300	0	8	50	1	42	8	18	0	21	0	58	1	18	4	44	53	1	0
310	0	10	13	1	30	9	30	0	24	0	53	1	12	4	53	14	1	6
320	0	11	48	1	24	10	24	0	26	0	49	1	9	5	1	26	1	30
330	0	13	32	1	3	11	24	0	28	0	46	1	9	5	9	34	1	24
340	0	15	26	1	3	12	0	0	30	0	44	1	9	5	17	35	1	54
350	0	17	26	0	48	12	42	0	32	0	42	1	9	5	25	35	2	0
360	0	19	33	0	45	13	6	0	33	0	41	1	9	5	32	31	2	12
370	0	21	44	0	45	13	12	0	33	0	40	1	9	5	41	26	2	36
380	0	23	56	0	36	13	6	0	34	0	39	1	9	5	49	23	2	42
390	0	26	12	0	30	13	42	0	34	0	37	1	6	5	57	20	2	36
398	0	28	2	0	30			0	34	0	36	1	0	0	3	44	2	18

♃

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tic	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	Directꝰ			mīue		adde		adde		sept.		mīue		☉			adde	
0	5	55	47	2	30	13	12	0	33	0	54	0	30	0	2	51	4	24
10	5	57	59	2	24	13	0	0	32	0	54	0	30	0	10	49	4	30
20	0	0	9	2	12	12	36	0	31	0	54	0	36	0	18	52	4	30
30	0	2	15	2	0	12	24	0	31	0	55	0	42	0	27	0	4	24
40	0	4	19	1	54	11	36	0	29	0	55	0	42	0	35	12	4	12
50	0	6	15	1	48	11	0	0	27	0	56	0	48	0	43	28	4	0
60	0	8	5	1	48	10	12	0	25	0	57	0	54	0	51	51	3	54
70	0	9	47	1	48	9	48	0	22	0	59	1	0	1	0	22	3	42
80	0	11	15	1	27	8	0	0	20	1	2	1	12	1	9	4	3	0
90	0	12	35	1	27	6	36	0	17	1	5	1	18	1	17	50	2	48
100	0	13	41	1	27	4	54	0	12	1	7	1	18	1	26	49	2	18
110	0	14	30	1	27	3	0	0	8	1	10	1	24	1	36	0	1	54
120	0	15	0	1	21	1	24	0	4	1	11	1	24	1	45	26	1	24
130	0	15	14	1	21	0	30	0	1	1	12	1	24	1	55	4	1	6
	retrog̃dꝰ					mīue		mīue										
132	0	15	15	1	21	0	45	0	2	1	13	1	24	1	57	1	1	0
140	0	15	19	1	15	2	18	0	6	1	14	1	24	2	4	57	0	30
150	0	14	46	1	15	3	54	0	10	1	17	1	36	2	15	5	0	18
160	0	14	7	1	21	5	42	0	14	1	19	1	42	2	25	26	0	0
																	mīue	
170	0	13	10	1	27	6	54	0	17	1	21	1	51	2	36	1	0	6
180	0	12	1	1	17	7	48	0	20	1	20	1	51	2	46	45	0	24
190	0	10	43	1	21	7	42	0	19	1	20	1	51	2	57	38	0	42
200	0	9	26	1	21	7	30	0	19	1	19	1	51	3	8	27	0	48
210	0	8	11	1	21	6	24	0	16	1	16	1	48	3	19	12	0	54
220	0	7	7	1	21	5	12	0	13	1	12	1	42	3	29	46	0	42
230	0	6	15	1	21	3	30	0	9	1	8	1	39	3	40	8	0	54
240	0	5	40	1	21	1	36	0	4	1	5	1	39	3	50	12	0	42
250	0	5	24	1	15	0	0	0	0	1	2	1	39	4	0	0	0	36

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	directus			mĩue		adde		adde		sept.		mĩue		☉			adde	
254	0	5	24	1	15	0	30	0	1	1	1	1	39	4	3	52	0	42
260	0	5	27	1	6	2	6	0	5	0	59	1	39	4	9	32	0	36
270	0	5	48	1	6	4	0	0	10	0	55	1	36	4	18	46	0	18
280	0	6	28	1	0	5	24	0	14	1	51	1	30	4	27	43	0	6
																	adde	
290	0	7	22	0	54	7	6	0	18	0	48	1	30	4	36	29	0	12
300	0	8	33	0	42	8	30	0	21	0	45	1	24	4	45	3	0	28
310	0	9	58	0	42	9	36	0	24	0	41	1	18	4	53	25	0	48
320	0	11	34	0	30	10	48	0	27	0	38	1	18	5	1	41	0	54
330	0	13	22	0	30	11	18	0	28	0	35	1	15	5	9	48	1	18
340	0	15	15	0	18	12	18	0	31	0	33	1	15	5	17	54	1	30
350	0	17	18	0	12	12	48	0	32	0	31	1	15	5	25	55	1	42
360	0	19	26	0	0	13	0	0	33	0	30	1	15	5	33	53	1	48
				adde														
370	0	21	36	0	12	13	24	0	34	0	28	1	12	5	41	52	1	54
380	0	23	50	0	18	13	42	0	34	0	27	1	12	5	49	54	1	48
390	0	26	7	0	24	13	48	0	34	0	26	1	12	5	57	46	2	0
398	0	27	57	0	24			0	34	0	25	1	12	0	4	7	2	18

1 ♃ 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			mĩue		adde		adde		sept.		mĩue		☉			adde	
0	5	55	22	5	36	13	18	0	33	0	49	1	0	0	3	35	3	42
10	5	57	35	1	18	13	12	0	33	0	49	1	0	0	11	34	3	36
20	5	59	47	1	18	12	48	0	32	0	48	1	0	0	19	37	3	42
30	0	1	55	1	6	12	30	0	31	0	48	1	0	0	27	44	3	24
40	0	4	0	1	0	11	42	0	29	0	48	1	0	0	35	54	3	12
50	0	5	57	0	54	11	0	0	27	0	48	1	0	0	44	8	3	0
60	0	7	47	0	48	10	12	0	25	0	48	1	0	0	52	30	2	42
70	0	9	29	0	42	9	6	0	23	0	49	1	0	1	0	59	2	12
80	0	11	0	0	36	8	0	0	20	0	50	1	0	1	9	34	1	54
90	0	12	20	0	33	6	42	0	17	0	52	1	0	1	18	18	1	24
100	0	13	27	0	33	4	48	0	12	0	54	1	6	1	27	12	1	0
110	0	14	15	0	18	3	12	0	8	0	56	1	12	1	36	19	0	24
120	0	14	47	0	18	1	18	0	3	0	57	1	18	1	45	40	0	0

87

1 10

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			miue		adde		adde		sept.		miue		⊙			miue	
130	0	15	0	0	15	0	30	0	1	0	58	1	24	1	55	15	0	30
	retrogđ⁹					miue		miue										
132	0	15	1	0	15	0	30	0	1	0	58	1	24	1	57	11	0	36
140	0	14	57	0	15	2	18	0	6	1	0	1	36	2	5	2	0	42
150	0	14	34	0	15	4	6	0	10	1	1	1	42	2	15	8	1	6
160	0	13	53	0	15	5	48	0	14	1	2	1	48	2	25	26	1	18
170	0	12	55	0	15	6	48	0	17	1	2	1	48	2	36	0	1	36
180	0	11	47	0	15	7	42	0	19	1	2	1	54	2	46	41	1	42
190	0	10	30	0	9	7	42	0	19	1	1	2	0	2	57	31	2	0
200	0	9	13	0	9	7	30	0	19	1	0	2	6	3	8	19	2	0
210	0	7	58	0	15	6	30	0	17	0	58	2	6	3	19	3	1	48
220	0	6	53	0	15	5	6	0	13	0	55	2	0	3	29	39	1	54
230	0	6	2	0	15	3	30	0	9	0	52	1	54	3	39	59	1	42
240	0	5	27	0	15	1	30	0	4	0	49	1	54	3	50	5	1	36
250	0	5	12	0	9	0	15	0	1	0	45	1	48	3	59	54	1	30
	directus					adde		adde										
255	0	5	11	0	6	0	50	0	5	0	44	1	48	4	3	45	1	24
260	0	5	16	0	6	2	6	0	5	0	45	1	42	4	9	26	1	18
270	0	5	37	0	6	4	6	0	10	0	39	1	42	4	18	43	1	0
280	0	6	18	0	0	5	30	0	14	0	36	1	36	4	27	42	0	42
				adde														
290	0	7	13	0	6	7	18	0	18	0	33	1	30	4	36	31	0	30
300	0	8	26	0	18	8	30	0	21	0	31	1	30	4	45	6	0	12
310	0	9	51	0	24	9	48	0	24	0	28	1	24	4	53	33	0	0
																	adde	
320	0	11	29	0	24	10	48	0	27	0	25	1	18	5	1	50	0	24
330	0	13	17	0	24	11	30	0	29	0	23	1	18	5	10	1	0	48
340	0	15	12	0	48	12	24	0	31	0	21	1	12	5	18	0	0	42
350	0	17	16	0	48	13	0	0	32	0	19	1	6	5	26	12	1	0
360	0	19	26	0	54	13	12	0	33	0	17	1	0	5	34	11	1	12
370	0	21	38	1	6	13	30	0	34	0	16	1	0	5	42	11	1	0
380	0	23	53	1	12	13	48	0	34	0	15	1	0	5	50	8	1	12
390	0	26	11	1	18	13	48	0	35	0	14	1	6	5	58	6	1	6
398	0	28	1	1	30			0	35	0	13	1	0	0	4	30	0	48

♃

1 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		minue		☉			adde	
0	5	55	6	0	30	13	36	0	34	0	39	1	6	0	4	12	2	48
10	5	57	22	0	30	13	12	0	33	0	39	1	9	0	12	10	2	54
20	5	59	34	0	18	13	0	0	32	0	38	1	9	0	20	14	2	36
30	0	1	44	0	18	12	36	0	32	0	38	1	9	0	28	18	2	30
40	0	3	50	0	12	11	48	0	30	0	38	1	9	0	36	26	2	18
50	0	5	48	0	6	11	6	0	28	0	38	1	9	0	42	38	2	0
60	0	7	39	0	0	10	18	0	26	0	38	1	9	0	52	57	1	30
70	0	9	22	0	18	9	12	0	23	0	39	1	18	1	1	21	1	0
80	0	10	54	0	24	8	6	0	20	0	40	1	24	1	9	54	0	30
90	0	12	15	0	24	6	36	0	17	0	42	1	36	1	18	32	0	0
																	minue	
100	0	13	21	0	30	5	6	0	13	0	43	1	42	1	27	22	0	24
110	0	14	12	0	42	3	12	0	8	0	44	1	48	1	36	23	1	6
120	0	14	44	0	42	1	24	0	3	0	44	1	48	1	45	40	1	24
130	0	14	58	0	48	0	0	0	0	0	44	1	48	1	55	10	1	42
	retrogd°					minue		minue										
133	0	14	58	0	48	0	26	0	1	0	44	1	48	1	58	5	1	54
140	0	14	55	0	54	2	24	0	6	0	44	1	48	2	4	55	2	18
150	0	14	31	1	0	4	6	0	10	0	44	1	48	2	14	57	2	36
160	0	13	50	1	0	5	42	0	14	0	44	1	54	2	25	13	2	48
170	0	12	53	1	0	6	54	0	17	0	44	2	0	2	35	44	3	0
180	0	11	44	1	9	7	30	0	19	0	43	2	0	2	46	24	3	24
190	0	10	29	1	9	7	48	0	19	0	41	2	0	2	57	11	3	18
200	0	9	11	1	3	7	36	0	19	0	39	2	0	3	7	59	3	6
210	0	7	55	1	3	6	30	0	16	0	37	2	6	3	18	49	3	12
220	0	6	50	1	9	5	6	0	13	0	35	2	6	3	29	20	3	12
230	0	3	59	1	3	3	24	0	8	0	33	2	6	3	39	43	2	48
240	0	5	15	1	3	1	24	0	3	0	30	1	54	3	49	49	2	42
150	0	5	11	1	3	0	20	0	1	0	27	1	48	3	59	39	2	30

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			mĩue		adde		adde		sept.		mĩue		⊙			mĩue	
253	0	5	10	1	3	0	43	0	2	0	29	1	48	4	2	33	2	18
260	0	5	15	1	6	2	6	0	5	0	25	1	48	4	9	13	2	12
270	0	5	36	1	6	4	12	0	10	0	22	1	42	4	18	33	1	48
280	0	6	12	1	9	5	36	0	14	0	20	1	42	4	27	35	1	30
290	0	7	14	1	15	7	30	0	19	0	18	1	36	4	36	26	1	12
300	0	8	29	1	15	8	36	0	22	0	16	1	36	4	45	4	0	48
310	0	9	55	1	18	6	48	0	25	0	14	1	24	4	53	33	0	30
320	0	11	33	1	24	10	48	0	27	0	12	1	18	4	1	54	0	12
330	0	13	21	1	36	11	24	0	30	0	10	1	18	5	10	9	0	6
																	adde	
340	0	15	30	1	39	12	24	0	31	0	9	1	18	5	18	16	0	12
350	0	17	34	1	36	13	6	0	33	0	8	1	18	5	26	22	0	30
360	0	19	35	1	42	12	24	0	34	0	7	1	18	5	34	23	0	24
270	0	21	49	1	48	13	36	0	34	0	6	1	12	5	42	21	0	26
380	0	24	5	1	54	13	54	0	35	0	5	1	12	5	50	20	0	30
																	adde	
390	0	26	24	2	18	14	3	0	35	0	3	1	6	5	58	17	0	6
398	0	28	16	2	18			0	35	0	2	1	6	0	4	38	0	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		sept.		mĩue		⊙			mĩue	
0	5	55	1	0	6	13	36	0	34	0	28	1	0	0	4	40	2	18
10	5	57	17	0	12	13	24	0	33	0	27	1	0	0	12	39	2	6
20	5	56	31	0	24	13	0	0	32	0	27	1	6	0	20	40	1	48
30	0	1	41	0	42	12	42	0	32	0	27	1	12	0	28	43	1	24
40	0	3	48	0	42	11	54	0	30	0	27	1	12	0	36	49	1	12
50	0	5	47	0	54	11	12	0	28	0	27	1	12	0	44	58	0	36
60	0	7	39	1	12	10	36	0	26	0	27	1	18	0	53	13	3	6
																	mĩue	
70	0	9	25	1	12	9	18	0	23	0	26	1	18	1	1	31	0	18
80	0	10	58	1	24	8	6	0	20	0	26	1	18	1	9	58	1	0
90	0	12	19	1	30	6	42	0	17	0	26	1	24	1	18	32	1	24
100	0	13	26	1	39	5	18	0	13	0	26	1	30	1	27	18	2	6
110	0	14	16	1	39	3	12	0	8	0	26	1	30	1	36	12	2	12
120	0	14	51	2	0	1	30	0	4	0	26	1	36	1	45	26	2	54
130	0	15	6	2	12	0	0	0	0	0	26	1	42	1	54	53	3	36

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd'			adde		minue		minue		sept.		minue		☉			adde	
133	0	15	6	2	18	0	17	0	1	0	26	1	48	1	57	46	3	48
140	0	15	4	2	18	2	18	0	6	1	26	1	54	2	4	32	3	54
150	0	14	41	2	18	4	6	0	10	0	26	2	0	2	14	31	4	6
160	0	14	0	2	24	5	42	0	14	0	25	2	6	2	24	45	4	24
170	0	13	3	2	24	6	42	0	17	0	24	2	12	2	35	14	4	36
180	0	11	56	2	18	7	36	0	19	0	23	2	12	2	45	50	4	24
190	0	10	40	2	18	7	54	0	20	0	21	2	6	2	56	38	4	24
200	0	9	21	2	15	7	36	0	19	0	19	2	6	3	7	28	4	24
210	0	8	5	2	15	6	18	0	16	0	16	2	3	3	18	13	4	18
220	0	7	2	1	57	5	18	0	13	0	14	2	3	3	28	48	3	42
230	0	6	9	1	57	3	18	0	8	0	12	2	3	3	39	14	3	36
240	0	5	36	1	57	1	24	0	3	0	11	2	3	3	49	22	3	24
250	0	5	22	1	57	0	40	0	2	0	9	2	0	3	59	14	3	0
	Direct'					adde		adde										
253	0	5	20	2	0	0	51	0	2	0	8	1	54	4	2	10	3	0
260	0	5	26	2	0	2	6	0	5	0	7	1	48	4	8	51	2	42
270	0	5	47	2	0	4	12	0	10	0	5	1	42	4	18	15	2	24
280	0	6	29	2	0	5	48	0	14	0	3	1	36	4	27	20	1	54
290	0	7	27	2	6	7	24	0	18	0	2	1	36	4	36	14	1	36
300	0	8	41	2	6	8	42	0	22	0	0	1	30	4	44	56	1	18
310	0	10	8	2	18	9	54	0	15	0	0	1	30	4	53	28	1	6
										meri.		adde						
320	0	11	47	2	18	11	0	0	28	0	1	1	30	5	1	52	0	48
330	0	13	37	2	33	11	54	0	30	0	3	1	18	5	10	8	0	48
340	0	15	36	2	33	12	24	0	31	0	4	1	12	5	18	18	0	24
350	0	17	40	2	54	13	12	0	33	0	5	1	9	5	26	27	0	48
360	0	19	52	2	54	13	30	0	34	0	6	1	9	5	34	27	0	30
370	0	22	7	2	54	13	42	0	34	0	6	1	9	5	42	27	0	30
380	0	24	24	3	0	14	18	0	36	0	7	1	9	5	50	25	0	48
390	0	26	47	3	0	14	0	0	35	0	8	1	9	5	58	16	0	48
398	0	28	39	3	12			0	35	0	9	1	9	0	4	34	0	54

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Dies	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
	S	g̃	m	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m	m̃	2
	Direct'			adde		add e		adde		sept.		mine		☉			adde	
0	5	55	2	1	24	13	42	0	34	0	18	1	6	0	5	3	0	54
10	5	57	19	1	24	13	36	0	34	0	17	1	6	0	13	0	0	48
20	5	59	35	1	30	13	18	0	33	0	16	1	6	0	20	58	0	36
30	0	1	48	1	30	12	42	0	32	0	15	1	12	0	28	57	0	24
																	mine	
40	0	3	55	1	48	12	6	0	30	0	15	1	18	0	37	1	0	18
50	0	5	56	1	54	11	30	0	29	0	15	1	21	0	45	4	0	36
60	0	7	51	1	54	10	36	0	27	0	14	1	21	0	53	13	1	10
70	0	9	37	2	0	9	30	0	24	0	13	1	21	1	1	28	1	36
80	0	11	12	2	6	8	12	0	20	0	13	1	24	1	9	48	2	0
90	0	12	34	2	18	6	54	0	17	0	12	1	30	1	18	18	2	42
100	0	13	43	2	30	5	12	0	13	1	11	1	36	1	27	57	3	6
110	0	14	35	2	42	3	36	0	9	0	11	1	48	1	35	50	3	48
120	0	15	11	2	54	1	42	0	4	0	10	1	54	1	44	57	4	18
130	0	15	28	2	54	0	20	0	1	0	9	1	57	1	54	17	4	30
	retrog̃d'					mine		mine										
133	0	15	29	3	0	0	17	0	1	0	8	1	57	1	57	8	4	36
140	0	15	27	3	0	2	18	0	6	0	7	1	57	2	3	53	4	48
150	0	15	4	3	18	4	0	0	10	0	6	2	0	2	13	50	5	18
160	0	14	24	3	24	5	42	0	14	0	4	2	0	2	24	1	5	36
170	0	13	27	3	36	6	48	0	17	0	2	2	6	2	34	28	5	42
180	0	12	19	3	42	7	36	0	19	0	1	2	12	2	45	6	5	48
190	0	11	3	3	42	8	0	0	20	0	0	2	18	2	55	54	5	54
										meri.		adde						
200	0	9	43	3	51	7	30	0	19	0	2	2	18	3	6	44	5	54
210	0	8	28	3	51	6	42	0	17	0	4	2	18	3	17	30	5	36
220	0	7	21	3	54	5	12	0	13	0	6	2	36	3	28	11	5	30
230	0	6	29	3	54	3	18	0	8	0	8	2	36	3	38	38	5	18
240	0	5	56	3	36	1	30	0	4	0	10	1	54	3	48	48	4	42
350	0	5	41	3	33	0	20	0	1	0	11	1	51	3	58	44	4	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			adde	
253	0	5	40	3	33	0	51	0	2	0	11	1	51	4	1	40	4	0
260	0	5	46	3	27	2	6	0	5	0	11	1	51	4	8	24	3	48
270	0	6	7	3	27	4	12	0	10	0	12	1	48	4	17	51	3	24
280	0	6	49	3	27	5	48	0	14	0	13	1	42	4	27	18	3	6
290	0	7	47	3	18	7	30	0	19	0	14	1	39	4	35	28	2	30
300	0	9	2	3	18	8	48	0	22	0	15	1	30	4	44	43	2	12
310	0	10	31	3	21	9	54	0	25	0	15	1	24	4	53	17	1	48
320	0	12	10	3	30	11	18	0	28	0	16	1	18	5	1	44	1	36
330	0	14	3	3	21	41	48	0	30	0	16	1	18	5	9	0	1	12
340	0	16	1	3	27	12	48	0	32	0	16	1	18	5	18	14	1	30
350	0	18	9	3	27	13	12	0	33	0	16	1	18	5	26	19	1	0
360	0	20	21	3	36	13	30	0	34	0	17	1	12	5	34	22	1	12
370	0	22	36	3	36	13	48	0	35	0	18	1	12	5	42	22	1	27
380	0	24	57	3	48	14	18	0	36	0	19	1	12	5	50	17	1	36
390	0	27	17	3	48	14	18	0	36	0	20	1	6	5	58	8	1	48
398	0	29	11	3	54			0	36	0	21	1	6	0	4	25	2	0

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		sept.		minue		☉			adde	
0	5	55	16	1	48	13	42	0	34	0	7	1	9	0	5	12	0	24
10	5	57	32	2	0	13	42	0	34	0	6	1	9	0	13	8	0	6
																	minue	
20	5	59	50	2	12	13	18	0	33	0	5	1	9	0	21	4	0	18
30	0	2	3	2	12	13	0	0	32	0	3	1	9	0	29	1	0	42
40	0	4	13	5	24	12	12	0	30	0	2	1	9	0	36	58	1	12
50	0	6	15	2	42	11	30	0	29	0	1	1	12	0	44	58	1	48
60	0	8	10	2	54	10	42	0	27	0	1	1	24	0	53	3	2	30
70	0	9	57	3	12	9	36	0	24	0	0	1	30	1	1	12	3	6
										meri.		adde						
80	0	11	33	3	30	8	24	0	21	0	1	1	36	1	9	28	3	54
90	0	12	57	3	36	7	6	0	18	0	3	1	36	1	17	51	4	12
100	0	14	8	3	48	5	24	0	13	0	5	1	36	1	26	26	4	54
110	0	15	2	4	6	3	48	0	9	0	7	1	36	1	35	12	5	30
120	0	15	40	4	18	1	42	0	4	0	9	1	36	1	44	14	5	54
130	0	15	57	4	30	0	30	0	1	1	11	1	42	1	53	32	6	18

Residuum ♃

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	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d'			adde		minus		minus		meri.		adde		☉			minus	
134	0	15	59	4	42	0	20	0	15	0	11	1	48	1	57	19	6	30
140	0	15	57	4	48	2	0	0	5	0	12	1	54	2	3	5	6	48
150	0	15	37	4	54	3	54	0	10	0	14	2	0	2	12	57	7	6
160	0	14	58	5	3	5	30	0	14	0	16	2	12	2	23	5	7	12
170	0	14	3	5	3	6	42	0	17	0	19	2	12	2	33	31	7	6
180	0	12	56	5	24	7	36	0	19	0	21	2	18	2	44	8	7	36
190	0	11	40	5	12	7	48	0	20	0	23	2	18	2	54	55	7	12
200	0	10	22	5	6	7	36	0	19	0	25	2	12	3	5	45	6	54
210	0	9	6	5	0	6	36	0	17	0	27	2	6	3	16	34	6	36
220	0	8	0	4	54	5	12	0	13	0	28	2	6	3	27	16	6	18
230	0	7	8	4	36	3	36	0	9	0	29	2	6	3	37	45	5	42
240	0	6	32	4	36	1	36	0	4	0	29	2	6	3	48	1	5	12
250	0	6	16	4	36	0	0	0	0	0	29	2	6	3	54	3	5	0
	Directus					adde		adde										
254	0	6	16	4	30	0	40	0	2	0	29	2	6	4	1	59	4	48
260	0	6	20	4	24	2	12	0	5	0	30	1	54	4	12	46	4	18
270	0	6	42	4	24	4	12	0	10	0	30	1	54	4	17	17	4	0
280	0	7	24	4	21	5	36	0	14	0	30	1	54	4	26	30	3	30
290	0	8	20	4	21	7	36	0	19	0	30	1	48	4	35	33	3	12
300	0	9	36	4	21	8	48	0	22	0	30	1	36	4	44	21	2	54
310	0	11	4	4	18	10	6	0	25	0	29	1	36	4	52	59	2	24
320	0	12	45	4	9	11	12	0	28	0	29	1	24	5	1	28	2	0
330	0	14	36	4	9	11	54	0	30	0	29	1	18	5	9	48	2	6
340	0	16	37	4	9	12	42	0	32	0	29	1	12	5	14	59	1	36
350	0	18	43	4	15	13	24	0	33	0	29	1	12	5	26	9	1	54
360	0	20	57	4	15	13	30	0	34	0	29	1	12	5	34	10	2	0
370	0	23	13	4	24	14	0	0	35	0	30	1	6	5	42	8	2	12
380	0	25	32	4	30	14	18	0	36	0	31	1	0	5	50	1	2	30
390	0	27	55	4	36	14	24	0	36	0	31	1	0	5	57	50	3	0
398	0	29	50	4	36			0	36	0	32	0	54	0	4	5	3	36

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		⊙			mīue	
0	5	55	34	3	0	13	24	0	35	0	5	1	6	0	5	16	0	54
10	5	57	53	3	12	13	54	0	35	0	6	1	12	0	13	9	1	18
20	0	0	12	3	24	13	18	0	33	0	7	1	12	0	21	9	1	54
30	0	2	25	3	42	13	12	0	33	0	8	1	12	0	24	54	2	30
40	0	4	37	3	42	12	30	0	31	0	6	1	18	0	36	46	2	54
50	0	6	42	3	42	11	42	0	29	0	11	1	18	0	44	40	3	18
60	0	8	39	4	3	11	0	0	27	0	13	1	24	0	52	38	4	0
70	0	10	29	4	3	9	54	0	25	0	15	1	24	1	0	41	4	24
80	0	12	8	4	6	8	30	0	21	0	17	1	30	1	8	49	4	42
90	0	13	33	4	30	7	18	0	18	0	19	1	30	1	17	7	5	36
100	0	14	46	4	42	5	42	0	14	0	21	1	39	1	25	37	6	6
110	0	15	43	4	48	7	0	0	10	0	43	1	42	1	34	17	6	24
120	0	16	23	5	6	1	54	0	5	0	25	1	54	1	43	15	6	54
130	0	16	43	5	18	0	48	0	2	0	28	2	0	1	52	29	7	18
	retrogd'					mīue		mīue										
134	0	16	46	5	21	0	12	0	1	0	29	1	6	1	57	10	7	24
140	0	16	45	5	30	1	24	0	5	0	31	2	6	2	1	57	7	42
150	0	16	26	5	48	3	42	0	9	0	34	2	12	2	11	46	7	54
160	0	15	49	5	54	5	36	0	14	0	38	2	12	2	21	53	8	0
170	0	14	53	6	12	6	18	0	16	0	41	2	12	2	32	20	8	24
180	0	13	50	6	3	7	48	0	19	0	46	2	12	2	42	52	0	8
190	0	12	32	6	3	7	54	0	20	0	46	2	12	2	53	43	7	54
200	0	11	13	6	3	7	42	0	19	0	47	2	12	3	4	36	7	42
210	0	9	56	6	3	6	42	0	17	0	48	2	12	3	15	28	7	30
220	0	8	49	6	3	5	30	0	14	0	49	2	6	3	26	13	7	6
230	0	7	54	5	57	3	36	0	9	0	50	1	54	3	36	48	6	30
240	0	7	18	5	57	1	36	0	4	0	50	1	54	3	47	9	5	24
250	0	7	2	5	33	0	15	0	1	0	50	1	54	3	57	13	5	24

Residuū ♃

2 0

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
254	0	7	1	5	33	0	30	0	1	0	50	1	42	4	1	11	5	18
260	0	7	4	5	33	2	12	0	5	0	49	1	42	4	7	3	5	12
270	0	7	26	5	18	4	6	0	10	0	49	1	36	4	16	57	4	30
280	0	8	7	5	18	5	42	0	14	0	49	1	24	4	25	55	4	6
290	0	9	4	5	6	7	36	0	16	0	48	1	18	4	35	1	3	36
300	0	10	20	4	57	8	42	0	22	0	46	1	18	4	43	52	3	0
310	0	11	47	4	57	9	54	0	25	0	45	1	12	4	52	35	0	48
320	0	13	26	4	57	11	12	0	28	0	43	1	12	5	1	8	2	48
330	0	15	18	4	57	11	54	0	30	0	42	1	6	5	9	27	2	30
340	0	17	17	4	57	12	54	0	32	0	41	1	6	5	17	49	2	36
350	0	19	26	4	57	13	18	0	32	0	41	1	0	5	25	50	2	42
360	0	21	39	4	57	13	42	0	34	0	41	0	54	5	33	50	2	48
370	0	23	56	4	57	14	6	0	35	0	41	0	54	5	41	46	3	0
380	0	26	17	4	57	14	24	0	36	0	41	0	54	5	49	36	3	24
390	0	28	41	4	57	14	24	0	36	0	41	0	54	5	57	20	3	36
398	0	30	36	4	54			0	36	0	41	0	54	0	3	29	3	36

2 ♃ 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
0	5	56	4	3	42	14	4	0	35	0	16	1	12	0	5	7	1	48
10	5	58	25	3	57	14	4	0	35	0	18	1	12	0	12	56	2	30
20	0	0	46	3	51	13	36	0	34	0	19	1	12	0	20	42	2	36
30	0	3	2	3	57	13	12	0	33	0	20	1	18	0	28	29	3	6
40	0	5	14	4	12	12	30	0	31	0	22	1	18	0	36	17	3	48
50	0	7	19	4	27	12	6	0	30	0	24	1	18	0	44	7	4	24
60	0	9	20	4	27	10	54	0	27	0	27	1	18	0	51	58	4	48
70	0	11	9	4	48	10	0	0	25	0	29	1	24	0	59	57	5	24
80	0	12	49	5	0	8	54	0	22	0	32	1	24	1	8	2	6	6
90	0	14	18	5	12	7	30	0	19	0	34	1	36	1	16	13	6	36
100	0	15	33	5	24	5	48	0	14	0	37	1	36	1	24	36	7	0
110	0	16	31	5	42	4	18	0	11	0	40	1	36	1	33	13	7	30
120	0	17	14	5	54	2	6	0	5	0	44	1	39	1	42	6	7	54
130	0	17	35	6	6	0	50	0	2	0	48	1	36	1	51	16	8	18

Residuum ♃

2 10

	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elongatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogradus			adde		minue		minue		meri.		adde			☉		minue	
136	0	17	40	6	9	0	0	0	0	0	50	1	36	1	56	52	8	18
140	0	17	40	6	9	1	36	0	4	0	52	1	36	2	0	40	8	12
150	0	17	24	6	36	3	36	0	9	0	56	1	36	2	10	27	8	42
160	0	16	48	6	48	5	18	0	13	1	0	1	36	2	20	35	9	0
170	0	15	55	6	48	6	30	0	16	1	3	1	42	2	30	56	8	48
180	0	14	50	6	54	7	42	0	19	1	6	1	42	2	41	32	8	42
190	0	13	33	6	57	7	54	0	20	1	8	1	42	2	52	24	8	36
200	0	12	14	6	57	7	42	0	19	1	9	1	48	3	3	19	8	18
210	0	10	57	6	57	9	48	0	17	1	10	1	48	3	14	13	8	0
220	0	9	49	7	6	5	36	0	14	1	10	1	54	3	25	2	7	42
230	0	8	53	6	48	3	30	0	9	1	9	1	48	3	35	43	7	12
240	0	8	18	6	18	2	6	0	5	1	9	1	36	3	46	5	6	12
250	0	7	57	6	18	0	12	0	1	1	8	1	24	3	56	19	5	54
	Directus					adde		adde										
255	0	7	56	6	12	0	48	0	2	1	7	1	24	4	1	18	5	36
260	0	8	0	6	6	1	54	0	5	1	6	1	24	4	6	11	5	18
270	0	8	19	6	0	4	6	0	10	1	5	1	18	4	15	52	4	48
280	0	9	0	5	48	5	30	0	14	1	3	1	18	4	25	14	4	18
290	0	9	55	5	42	7	24	0	18	1	1	1	12	4	34	25	3	48
300	0	11	9	5	36	8	42	0	22	0	59	1	6	4	43	22	3	30
310	0	12	36	5	30	10	0	0	25	0	57	1	0	4	52	7	3	18
320	0	14	16	5	30	11	6	0	28	0	55	1	0	5	0	40	3	12
330	0	16	7	5	24	12	0	0	30	0	53	1	0	5	9	2	3	0
340	0	18	7	5	15	12	48	0	32	0	52	0	54	5	17	17	3	0
350	0	20	15	5	15	13	24	0	33	0	51	0	48	5	25	23	3	0
360	0	22	29	5	15	13	42	0	34	0	50	0	48	5	33	22	3	18
370	0	24	46	5	15	14	6	0	35	0	50	0	48	5	41	16	3	36
380	0	27	7	5	15	14	21	0	36	0	50	0	42	5	49	2	3	48
390	0	29	31	5	15	14	21	0	36	0	50	0	42	5	56	44	4	12
398	0	31	26	5	15			0	36	0	50	0	36	0	2	53	4	24

1 2

♃

2 20

	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		⊙			minue	
0	5	56	41	4	24	14	24	0	36	0	28	1	3	0	4	49	2	54
10	5	59	5	4	24	13	54	0	35	0	30	1	3	0	12	31	3	12
20	0	1	24	4	36	13	42	0	34	0	31	1	3	0	20	16	3	48
30	0	3	41	4	51	13	30	0	34	0	33	1	3	0	27	58	4	30
40	0	5	56	4	51	12	48	0	32	0	35	0	54	0	35	39	4	42
50	0	8	4	4	51	12	0	0	30	0	37	0	54	0	43	23	5	12
60	0	10	4	5	12	11	18	0	18	0	40	0	54	0	51	10	5	48
70	0	11	57	5	12	10	12	0	25	0	43	1	0	0	59	3	6	18
80	0	13	39	5	30	9	6	0	23	0	46	1	6	1	7	1	6	54
90	0	15	10	5	42	7	42	0	19	0	50	1	12	1	15	7	7	18
100	0	16	27	5	48	6	6	0	15	0	53	1	18	1	23	26	7	36
110	0	17	28	6	0	4	30	0	11	0	56	1	24	1	31	58	8	0
120	0	18	13	6	12	2	18	0	6	1	0	1	24	1	40	47	8	24
130	0	18	36	6	24	0	51	0	2	1	4	1	24	2	49	53	8	30
	retrog̃d⁹					minue		minue										
137	0	18	42	6	42	0	20	0	1	1	7	1	30	1	56	26	8	30
140	0	18	41	6	42	1	6	0	3	1	8	1	30	1	59	18	8	48
150	0	18	30	7	0	3	24	0	8	1	12	1	36	2	9	0	9	12
160	0	17	56	7	12	5	18	0	12	1	16	1	36	2	19	3	9	12
170	0	17	3	7	30	6	24	0	16	1	20	1	36	2	29	28	9	18
180	0	15	59	7	30	7	36	0	19	1	23	1	36	2	40	5	9	6
190	0	14	43	8	0	8	0	0	20	1	25	1	42	2	50	58	3	24
200	0	13	23	7	54	7	42	0	19	1	17	1	42	3	1	56	9	0
210	0	12	6	7	42	6	36	0	17	1	28	1	42	3	12	53	8	18
220	0	11	0	7	15	5	54	0	15	1	29	1	30	3	23	45	7	36
230	0	10	1	7	15	4	0	0	10	1	27	1	30	3	34	31	7	12
240	0	9	23	7	15	2	6	0	5	1	25	1	30	3	45	3	6	48
250	0	9	0	6	54	0	20	0	1	1	22	1	30	3	45	3	6	48

Residuū ♃

2 20

Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
es	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			adde		adde		adde		meri.		adde		☉			minue	
256	0	8	58	6	54	0	45	0	2	1	21	1	24	4	1	22	5	54
260	0	9	1	6	42	1	48	0	5	1	20	1	24	4	5	18	5	30
270	0	9	19	6	36	3	54	0	0	1	18	1	18	4	15	4	5	6
280	0	9	58	6	6	5	24	0	15	1	16	1	12	4	24	31	4	12
290	0	10	52	6	6	7	18	0	18	1	13	1	12	4	33	47	4	0
300	0	12	5	5	54	8	36	0	22	1	30	1	6	4	42	47	3	42
310	0	13	31	5	48	10	0	0	25	1	7	1	0	4	51	34	3	30
320	0	15	11	5	42	11	0	0	28	1	5	0	48	5	0	8	3	18
330	0	17	1	5	36	11	48	0	29	1	3	0	42	5	8	32	3	24
340	0	18	59	5	33	12	48	0	32	1	1	0	42	5	16	47	3	18
350	0	21	7	5	33	13	30	0	34	0	59	0	36	4	24	53	3	30
360	0	23	22	5	33	13	36	0	34	0	58	0	36	5	32	49	3	54
370	0	25	38	5	33	14	6	0	35	0	58	0	33	5	40	40	4	6
380	0	27	59	5	33	14	30	0	36	0	57	0	33	5	48	24	4	30
390	0	30	24	5	30	14	18	0	36	0	57	0	33	5	56	2	4	48
398	0	32	18	5	30			0	36	0	56	0	33	0	2	9	5	30

2 ♃ 30

Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
es	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			adde		adde		adde		meri.		adde		☉			minue	
0	5	57	25	4	54	14	24	0	36	0	39	0	48	0	4	20	3	42
10	5	59	49	5	0	14	6	0	35	0	40	0	48	0	11	59	4	12
20	0	1	10	5	0	14	0	0	35	0	41	0	54	0	19	38	4	36
30	0	4	30	5	0	13	24	0	34	0	43	0	54	0	27	13	4	54
40	0	6	44	5	12	12	48	0	32	0	44	1	0	0	34	52	5	36
50	0	8	52	5	30	12	24	0	31	0	46	1	0	0	42	31	6	6
60	0	10	56	5	30	11	18	0	28	0	49	1	0	0	50	12	6	36
70	0	12	49	5	42	10	30	0	26	0	53	1	0	0	58	0	7	6
80	0	14	34	5	54	9	18	0	23	0	57	1	3	1	5	52	7	30
90	0	16	7	6	0	7	48	0	19	1	2	1	3	1	13	54	7	48
100	0	17	25	6	12	6	18	0	16	1	6	1	3	1	22	10	8	12
110	0	18	28	6	24	4	42	0	12	1	10	1	3	1	30	38	8	36
120	0	19	15	6	42	2	30	0	6	1	14	1	3	1	39	23	8	48
130	0	19	40	7	6	1	8	0	1	1	18	1	6	1	48	28	9	12

2 30

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrogd'			adde		minue		minue		meri.		adde		☉			minue	
138	0	19	49	7	12	0	16	0	1	1	22	1	6	1	59	1	6	42
140	0	19	48	7	18	0	48	0	2	1	23	1	6	1	57	50	9	30
150	0	19	40	7	24	3	12	0	8	1	28	1	6	2	7	28	9	24
160	0	19	8	7	42	5	0	0	13	1	32	1	12	2	17	31	9	30
170	0	18	18	7	54	6	24	0	16	1	36	1	18	2	27	55	9	30
180	0	17	14	8	6	7	6	0	18	1	39	1	24	2	38	14	9	30
190	0	16	3	7	51	8	6	0	20	1	42	1	18	2	49	24	8	54
200	0	14	42	7	51	7	54	0	20	1	44	1	18	3	0	26	8	24
210	0	13	33	7	51	4	6	0	18	1	45	1	18	3	11	30	8	18
220	0	12	12	7	51	5	48	0	14	1	44	1	12	3	22	29	7	48
230	0	11	14	7	48	4	6	0	10	1	42	1	6	3	33	19	7	24
240	0	10	33	7	42	2	24	0	6	1	40	1	6	3	43	55	6	48
250	0	10	9	7	30	0	17	0	1	1	37	1	0	3	54	20	6	12
	directus					adde		adde										
257	0	10	7	7	12	0	20	0	1	1	35	0	54	4	1	23	5	48
260	0	10	8	7	6	1	42	0	4	1	34	0	54	4	4	23	5	36
270	0	10	25	6	54	3	24	0	8	1	31	0	54	4	14	13	5	0
280	0	10	59	6	48	5	24	0	13	1	28	0	48	4	23	49	4	42
290	0	11	53	6	36	7	6	0	18	1	25	0	42	4	33	7	4	24
300	0	13	4	6	24	8	30	0	21	1	21	0	39	4	42	10	4	6
310	0	14	29	6	12	9	54	0	25	1	17	0	39	4	50	59	3	48
320	0	16	8	5	54	10	54	0	27	1	13	0	39	4	59	35	3	36
330	0	17	57	5	51	11	42	0	29	1	10	0	36	5	7	58	3	36
340	0	19	54	5	51	12	48	0	32	1	8	0	27	5	16	14	3	54
350	0	22	2	5	48	13	30	0	34	1	5	0	27	5	24	18	4	12
360	0	24	17	5	30	13	36	0	34	1	4	0	27	5	32	10	4	6
370	0	26	33	5	30	14	12	0	35	1	3	0	27	5	39	59	4	24
380	0	28	55	15	5	14	18	0	36	1	3	0	18	5	47	39	4	36
390	0	31	18	5	15	14	24	0	46	1	3	0	12	5	55	14	5	6
398	0	33	13	5	15			0	36	1	2	0	12	0	0	14	5	18

♃

2 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	m̃g		m̃	2	S	g	m̃	m̃	2
ces	directus			adde		adde		adde		meri.		adde		☉			minue	
0	5	58	14	5	9	14	30	0	36	0	47	0	42	0	3	43	4	24
10	0	0	39	5	9	14	6	0	35	0	48	0	48	0	11	17	4	42
20	0	3	0	5	24	14	0	0	35	0	50	9	48	0	18	52	5	18
30	0	5	20	5	24	13	36	0	34	0	52	0	48	0	26	24	5	48
40	0	7	36	5	24	13	6	0	33	0	54	0	42	0	33	56	6	6
50	0	9	47	5	36	12	24	0	31	0	56	0	42	0	41	30	6	42
60	0	11	51	5	42	11	30	0	29	0	59	0	42	0	49	6	7	6
70	0	13	46	5	48	10	42	0	27	1	3	0	42	0	56	49	7	24
80	0	15	33	5	48	9	24	0	23	1	8	0	36	1	4	37	7	36
90	0	17	7	6	6	8	0	0	20	1	13	0	36	1	12	36	8	6
100	0	18	26	6	12	7	30	0	16	1	17	0	36	1	20	48	8	24
110	0	19	32	6	36	5	0	0	12	1	21	0	42	1	29	12	8	42
120	0	20	22	6	48	3	54	0	7	1	24	0	48	1	37	55	8	54
130	0	20	51	6	54	1	0	0	3	1	29	0	48	1	46	56	9	6
	retrog̃d⁹					minue		minue										
140	0	21	1	7	18	0	42	0	2	1	34	0	48	1	56	15	9	18
150	0	20	54	7	24	0	54	0	7	1	39	0	48	2	5	54	9	12
160	0	20	25	7	42	2	48	0	12	1	44	0	48	2	15	56	9	18
170	0	19	37	7	54	6	12	0	16	1	49	0	48	2	26	20	9	18
180	0	18	35	8	0	7	24	0	18	1	53	0	48	2	36	59	8	54
190	0	17	21	8	12	8	0	0	20	1	55	0	54	2	47	55	8	48
200	0	16	1	8	18	7	54	0	20	1	57	0	54	2	59	2	8	48
210	0	14	42	8	18	7	6	0	18	1	58	0	42	3	10	7	8	12
220	0	13	31	8	12	5	54	0	15	1	56	0	42	3	21	11	7	48
230	0	12	32	8	0	4	12	0	11	1	53	0	42	3	32	5	7	6
240	0	11	50	7	30	2	36	0	7	1	51	0	36	3	42	47	6	12
250	0	11	24	7	18	0	30	0	2	1	47	0	36	3	53	18	5	48

2 40

Di	Locus			Eqtio		ad di.		ad ho		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
258	0	11	19	7	18	0	0	0	0	1	44	0	30	4	1	26	5	24
260	0	11	19	7	18	1	30	0	4	1	43	0	30	4	3	27	5	24
270	0	11	34	7	0	3	18	0	8	1	40	0	24	4	13	23	4	54
280	0	12	7	6	36	5	12	0	13	1	36	0	24	4	23	2	4	24
290	0	12	59	6	24	6	54	0	17	1	32	0	21	4	32	23	4	6
300	0	14	8	6	18	8	18	0	21	1	27	0	21	4	41	29	3	54
310	0	15	31	6	0	9	36	0	24	1	24	0	12	4	50	21	3	42
320	0	17	7	6	0	10	48	0	27	1	20	0	6	4	58	59	3	54
330	0	18	55	6	0	11	48	0	29	1	16	0	6	5	7	22	4	0
340	0	20	53	5	42	12	42	0	32	1	12	0	6	5	15	35	4	6
350	0	23	0	5	30	13	12	0	33	1	10	0	6	5	23	36	4	6
360	0	25	12	5	30	13	36	0	34	1	9	0	3	5	31	29	4	24
370	0	27	28	5	21	13	54	0	35	1	8	0	3	5	39	15	4	42
380	0	29	47	5	21	14	24	0	36	1	6	0	3	5	46	53	5	12
390	0	32	11	5	12	14	24	0	36	1	5	0	3	5	54	23	5	24
398	0	34	6	5	12			0	36	1	4	0	3	0	0	21	5	42

2 ♃ 50

Di	Locus			Eqtio		ad di.		ad ho		Lati.		Eqtio		Elõgatõ			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		meri.		adde		☉			minue	
0	5	59	6	5	24	14	24	0	36	0	54	0	36	0	2	59	5	0
10	0	1	30	5	36	14	24	0	36	0	56	0	30	0	10	30	5	30
20	0	3	54	5	39	14	0	0	35	0	58	0	30	0	17	59	6	6
30	0	6	14	5	39	13	36	0	34	1	0		30	0	25	36	6	18
40	0	8	30	5	39	13	18	0	33	1	1	0	30	0	32	55	6	42
50	0	10	43	5	39	12	30	0	31	1	3	0	30	0	40	23	7	0
60	0	12	48	5	48	11	36	0	29	1	6	0	30	0	47	55	7	24
70	0	14	44	5	54	10	42	0	27	1	10	0	37	0	55	35	7	42
80	0	16	31	6	0	9	42	0	24	1	14	0	27	1	3	21	8	0
90	0	18	8	6	12	8	6	0	20	1	19	0	27	1	11	15	8	24
100	0	19	29	6	24	6	54	0	17	1	23	0	27	1	19	24	8	30
110	0	20	38	6	30	5	12	0	13	1	28	0	27	1	27	42	8	42
120	0	21	28	6	36	3	0	0	7	1	32	0	27	1	36	26	8	48
130	0	22	0	6	54	1	24	0	3	1	37	0	24	1	45	25	8	54
140	0	22	14	7	3	1	0	0	2	1	42	0	24	1	54	42	8	54

Residuum ♃

2 50

Locus				Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		miue		miue		meri.		adde			☉		miue	
141	0	22	15	7	3	0	47	0	2	1	45	0	24	1	55	38	8	42
150	0	22	8	7	12	2	36	0	6	1	47	0	24	2	4	22	8	48
160	0	21	42	7	18	4	36	0	11	1	52	0	24	2	14	23	8	42
170	0	20	56	7	36	6	6	0	15	1	57	0	24	2	24	47	8	30
180	0	19	55	7	48	7	12	0	18	2	1	0	18	2	35	30	8	30
190	0	18	43	8	0	7	54	0	20	2	4	0	12	2	46	27	8	24
200	0	17	24	8	18	7	54	0	20	2	6	0	12	2	57	34	8	12
210	0	16	5	8	0	7	12	0	18	2	5	0	12	3	8	45	7	36
220	0	14	53	7	48	6	6	0	15	2	3	0	12	3	19	53	6	54
230	0	13	52	7	42	4	42	0	12	2	0	0	12	3	36	54	6	24
240	0	13	5	7	36	2	48	0	7	1	57	0	12	3	41	45	6	6
250	0	12	37	7	24	0	30	0	1	1	53	0	12	3	52	20	5	30
260	directus					adde		adde										
260	0	12	32	7	6	1	12	0	3	1	48	0	12	4	3	33	5	0
270	0	12	44	6	48	2	54	0	7	1	44	0	6	4	12	34	4	36
280	0	13	3	6	48	5	0	0	10	1	40	0	3	4	22	18	4	30
290	0	14	3	6	30	6	48	0	17	1	35	0	3	4	31	42	4	6
300	0	15	11	6	6	8	0	0	20	1	31	0	2	4	40	50	3	48
310	0	16	31	6	0	9	36	0	24	1	26	0	3	4	49	44	3	54
320	0	18	7	5	42	10	48	0	27	1	21	0	3	4	58	20	3	48
330	0	19	55	5	24	11	30	0	29	1	17	0	3	5	6	42	3	48
340	0	21	50	5	18	12	30	0	31	1	13	0	3	5	14	54	3	54
												miue						
350	0	23	55	5	12	13	12	0	33	1	11	0	6	5	22	55	4	6
360	0	26	7	4	57	13	24	0	34	1	9	0	6	5	30	45	4	18
370	0	28	21	4	57	14	0	0	35	1	8	0	6	5	38	28	4	48
380	0	30	41	4	48	14	12	0	35	1	7	0	12	5	46	1	5	0
390	0	33	3	4	48	14	24	0	36	1	6	0	12	5	53	29	5	18
398	0	34	58	4	42			0	36	1	5	0	12	5	59	24	5	18

95

♃

3 0

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elegatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
0	0	0	0	5	24	14	36	0	36	1	0	0	18	0	2	9	5	18
10	0	2	26	5	24	14	30	0	36	1	1	0	18	0	9	35	5	48
20	0	4	51	5	15	13	54	0	35	1	3	0	15	0	16	58	5	54
30	0	7	10	5	27	13	36	0	34	1	5	0	15	0	24	23	6	36
40	0	9	26	5	27	13	18	0	33	1	6	0	15	0	31	48	6	54
50	0	11	39	5	27	12	42	0	32	1	8	0	15	0	39	13	7	0
60	0	13	46	5	36	11	42	0	29	1	11	0	12	0	46	41	7	24
70	0	15	43	5	36	10	48	0	27	1	14	0	12	0	54	18	7	36
80	0	17	31	5	45	9	54	0	25	1	19	0	6	1	2	1	8	0
90	0	19	10	5	45	8	18	0	21	1	24	0	3	1	9	51	7	48
100	0	20	33	6	0	7	0	0	18	1	28	0	3	1	17	59	8	12
110	0	21	43	6	0	5	18	0	13	1	33	0	3	1	26	18	8	6
120	0	22	36	6	6	3	18	0	8	1	37	0	3	1	34	58	8	6
130	0	23	9	6	24	1	36	0	4	1	41	0	3	1	43	56	8	12
140	0	23	25	6	30	0	0	0	0	1	46	0	3	1	53	13	8	6
	retrogd°					minue		minue										
142	0	23	25	6	36	0	33	0	1	1	46	0	3	1	54	11	8	12
150	0	23	20	6	54	2	30	0	6	1	51	0	0	2	2	54	8	18
160	0	22	55	7	6	4	18	0	11	1	56	0	0	2	12	56	8	0
												minue						
170	0	22	12	7	12	5	54	0	15	2	1	0	3	2	23	22	7	54
180	0	21	13	7	24	7	0	0	18	2	4	0	3	2	34	5	7	42
190	0	20	3	7	30	7	36	0	19	2	6	0	6	2	45	3	7	24
200	0	18	47	7	27	8	12	0	20	2	8	0	12	2	56	12	7	0
210	0	17	25	7	27	7	24	0	19	2	7	0	12	3	7	29	6	30
220	0	16	11	7	27	6	12	0	15	2	5	0	12	3	18	44	6	12
230	0	15	9	7	18	4	48	0	12	2	2	0	12	3	29	50	5	48
240	0	14	21	7	6	3	0	0	7	1	59	0	18	3	40	44	5	12
250	0	13	51	6	48	0	48	0	2	1	55	0	24	3	51	25	4	42
260	0	13	43	6	36	0	36	0	1	1	50	0	24	4	1	43	4	24

Residuũ ♃

3 0

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Direct⁹			adde		adde		adde		in eri.		miue			⊙		miue	
261	0	13	42	6	36	1	6	0	3	1	50	0	24	4	2	45	4	18
270	0	13	52	6	18	2	54	0	7	1	45	0	24	4	11	48	4	0
280	0	14	21	6	0	4	42	0	12	1	40	0	24	4	21	33	3	36
290	0	15	8	5	48	6	24	0	16	1	36	0	24	4	31	1	3	30
300	0	16	12	5	36	7	54	0	50	1	31	0	24	4	40	12	3	30
310	0	17	31	5	30	9	24	0	23	1	27	0	24	4	49	5	3	36
320	0	19	4	5	18	10	30	0	26	1	22	0	24	4	57	42	3	36
330	0	20	49	5	6	11	24	0	28	1	18	0	24	5	6	4	3	42
340	0	22	43	5	0	12	24	0	31	1	14	0	24	5	14	15	3	54
350	0	24	47	4	48	12	54	0	32	1	10	0	24	5	22	14	4	12
360	0	26	56	4	48	13	30	0	34	1	8	0	30	5	30	2	4	36
370	0	29	11	4	36	13	48	0	35	1	7	0	30	5	37	40	4	48
380	0	31	29	4	30	14	12	0	35	1	5	0	30	5	45	11	5	0
390	0	33	51	4	15	14	18	0	36	1	4	0	30	5	52	36	5	6
398	0	35	45	4	15			0	36	1	3	0	30	5	58	30	5	36

3 ♃ 10

	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Directus			adde		adde		adde		meri.		adde			⊙		miue	
0	0	0	54	5	12	14	36	0	36	1	3	0	6	0	1	16	5	36
10	0	3	20	5	6	14	18	0	36	1	4	0	6	0	8	37	5	48
20	0	5	43	5	6	14	12	0	35	1	5	0	6	0	15	59	6	12
30	0	8	5	5	3	13	36	0	34	1	7	0	0	0	23	17	6	24
												miue						
40	0	10	21	5	6	13	12	0	33	1	9	0	6	0	30	39	6	48
50	0	12	33	5	9	12	24	0	32	1	11	0	9	0	38	3	7	0
60	0	14	42	5	9	11	42	0	29	1	13	0	9	0	45	27	7	6
70	0	16	39	5	12	11	0	0	27	1	16	0	9	0	53	2	7	24
80	0	18	29	5	15	9	48	0	24	1	20	0	9	1	0	41	7	24
90	0	20	7	5	15	8	36	0	22	1	24	0	9	1	8	33	7	24
100	0	21	33	5	18	7	0	0	18	1	29	0	12	1	16	27	7	24
110	0	22	43	5	30	5	24	0	14	1	33	0	12	1	24	57	7	30
120	0	23	37	5	42	3	33	0	9	1	38	0	24	1	33	37	7	30
130	0	24	13	5	48	1	42	0	4	1	42	0	24	1	42	34	7	24
140	0	24	30	5	54	0	20	0	1	1	47	0	30	1	51	52	7	18

Residuū ♃

3 10

	Locus			Eq̄tio		ad vi.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		minue		minue		meri.		minue		⊙			minue	
143	0	24	21	6	0	0	40	0	2	1	48	0	30	1	54	44	7	18
150	0	24	39	6	0	2	18	0	6	1	51	0	30	2	1	31	6	54
160	0	24	6	6	12	4	12	0	10	1	56	0	36	2	11	36	6	54
170	0	23	24	6	27	5	42	0	14	2	0	0	36	2	22	3	6	48
180	0	22	27	6	27	6	54	0	17	2	4	0	42	2	32	48	6	18
190	0	21	18	6	36	7	42	0	19	2	5	0	42	2	43	49	6	12
200	0	20	1	6	42	8	12	0	20	2	6	0	42	2	52	2	5	48
210	0	18	39	6	42	7	18	0	18	2	5	0	42	3	6	24	5	24
220	0	7	26	6	42	6	24	0	16	2	3	0	42	3	17	42	5	12
230	0	16	22	6	36	5	0	0	13	2	0	0	42	3	28	52	4	42
240	0	15	32	6	36	3	18	0	8	1	56	0	42	3	39	52	4	30
250	0	14	59	6	18	1	0	0	2	1	51	0	42	3	50	38	4	6
260	0	14	59	5	57	0	30	0	1	1	46	0	42	4	0	59	3	36
	Direct⁹					adde		adde										
262	0	14	48	5	57	0	52	0	2	1	45	0	42	4	3	3	3	36
270	0	14	55	5	48	2	36	0	6	1	41	0	42	4	11	8	3	24
280	0	15	21	5	30	4	30	0	11	1	36	0	42	4	20	57	3	12
290	0	16	6	5	24	6	12	0	15	1	32	0	42	4	30	26	3	18
300	0	17	8	5	6	7	48	0	19	1	27	0	42	4	39	37	3	12
310	0	18	26	4	54	9	6	0	23	1	23	0	42	4	48	29	3	12
320	0	19	57	4	42	10	18	0	26	1	18	0	42	4	57	6	3	18
330	0	21	40	4	36	11	18	0	28	1	14	0	48	5	5	27	3	30
340	0	23	33	4	24	12	12	0	30	1	10	0	48	5	13	36	3	48
350	0	25	35	4	6	12	54	0	32	1	6	0	42	5	21	32	3	54
460	0	27	44	4	0	13	18	0	33	1	3	0	39	5	29	16	4	12
370	0	29	54	3	54	13	42	0	35	1	2	0	39	5	36	52	4	24
380	0	32	14	3	39	13	54	0	35	1	0	0	39	5	44	21	4	30
390	0	34	33	3	39	14	24	0	36	0	59	0	39	5	51	45	5	0
398	0	36	28	3	39			0	36	0	58	0	39	5	57	34	5	12

Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		miue		⊙			miue	
0	0	1	46	5	0	14	30	0	36	1	4	0	6	0	0	20	5	42
10	0	4	11	4	54	14	18	0	36	1	5	0	6	0	7	39	6	0
20	0	6	34	4	45	14	6	0	35	1	6	0	12	0	14	57	6	6
30	0	8	55	4	45	13	42	0	34	1	7	0	12	0	22	13	6	24
40	0	11	12	4	45	13	18	0	33	1	8	0	12	0	29	31	6	36
50	0	13	25	4	45	12	48	0	32	1	9	0	12	0	36	53	6	42
60	0	15	33	4	36	11	48	0	28	1	12	0	18	0	44	16	6	48
70	0	17	31	4	36	11	12	0	28	1	15	0	24	0	51	48	6	42
80	0	19	22	4	48	9	42	0	24	1	19	0	30	0	59	27	7	0
90	0	20	59	4	54	8	42	0	22	1	23	0	30	1	7	19	7	0
100	0	22	26	4	54	7	12	0	18	1	27	0	30	1	15	23	6	54
110	0	23	28	4	54	5	36	0	14	1	31	0	33	1	23	42	6	36
120	0	24	34	4	54	3	42	0	9	1	34	0	33	1	32	22	6	30
130	0	25	11	5	0	1	48	0	4	1	38	0	36	1	41	20	6	24
140	0	25	29	5	9	0	30	0	1	1	42	0	36	1	50	39	6	6
	retrog̃d⁹					miue		miue										
144	0	25	31	5	9	0	20	0	1	1	44	0	36	1	54	30	5	54
150	0	25	29	5	18	2	6	0	5	1	46	0	36	2	0	22	6	0
160	0	25	8	5	30	3	54	0	10	1	50	0	42	2	10	27	5	48
170	0	24	29	5	42	5	48	0	14	1	54	0	48	2	20	55	5	36
180	0	23	31	6	0	6	42	0	17	1	57	1	54	2	31	45	5	30
190	0	22	24	5	57	7	36	0	19	1	58	0	54	2	42	47	5	0
200	0	21	8	5	57	8	12	0	20	1	59	1	6	2	54	4	4	42
210	0	19	46	5	57	7	18	0	18	1	58	1	6	3	5	30	4	30
220	0	18	33	5	48	6	30	0	16	1	56	1	6	3	16	50	3	54
230	0	17	28	5	36	5	0	0	13	1	53	1	12	3	28	5	3	30
240	0	16	38	5	30	3	36	0	9	1	49	1	12	3	39	7	3	18
250	0	16	2	5	24	1	24	0	3	1	44	1	6	3	49	57	3	0
260	0	15	48	5	12	0	0	0	0	1	39	1	6	4	0	23	3	0

Residuū ♃

3 20

			Locus	Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio			Elōgatio		Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		minue			⊙		minue	
263	0	15	48	5	12	0	43	0	2	1	37	1	6	4	3	58	2	48
270	0	15	53	5	6	2	18	0	6	1	34	1	6	4	10	34	2	48
280	0	16	16	4	54	4	24	0	11	1	29	1	3	4	20	25	2	48
290	0	17	0	4	36	5	54	0	15	1	25	1	3	4	29	53	2	42
300	0	17	59	4	30	7	36	0	19	1	20	1	0	4	39	5	2	48
310	0	19	15	4	18	8	54	0	22	1	16	1	0	4	47	57	2	54
320	0	20	44	4	6	10	12	0	25	1	11	0	54	4	56	23	3	6
330	0	22	26	3	48	11	6	0	28	1	6	0	48	5	4	52	3	12
340	0	24	17	3	42	11	54	0	30	1	3	0	48	5	12	58	3	30
350	0	26	16	3	30	12	48	0	32	0	59	0	48	5	20	53	3	42
360	0	28	24	3	18	13	12	0	33	0	57	0	48	5	28	34	3	48
370	0	30	36	3	9	13	24	0	34	0	55	0	45	5	36	8	4	0
380	0	22	50	3	9	14	0	0	35	0	54	0	45	5	43	36	4	30
390	0	35	10	2	54	14	12	0	35	0	52	0	45	5	50	55	4	24
398	0	37	4	3	36			0	35	0	51	0	45	5	56	42	4	6

3 ♃ . 30

			Locus	Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio			Elōgatio		Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue			⊙		minue	
0	0	2	36	4	18	14	24	0	36	1	4	0	24	5	59	23	5	24
10	0	5	0	4	18	14	6	0	35	1	4	0	24	0	6	39	5	42
20	0	7	21	4	18	14	6	0	35	1	4	0	24	0	13	56	6	0
30	0	9	43	4	18	13	48	0	34	1	5	0	30	0	21	9	6	6
40	0	12	0	4	9	13	12	0	33	1	6	0	33	0	28	25	6	6
50	0	14	12	4	9	12	42	0	32	1	7	0	33	0	35	46	6	18
60	0	16	19	4	9	11	48	0	30	1	9	0	33	0	43	6	6	12
70	0	18	17	4	9	11	18	0	28	1	11	0	33	0	50	41	6	24
80	0	20	10	3	57	9	48	0	25	1	14	0	36	0	58	17	6	0
90	0	21	48	3	57	8	42	0	22	1	18	0	48	1	6	9	6	0
100	0	23	15	3	48	7	12	0	18	1	22	0	54	1	14	14	5	30
110	0	24	27	4	0	5	36	0	14	1	25	0	54	1	22	36	5	42
120	0	25	23	4	0	3	48	0	9	1	29	1	0	1	31	17	5	24
130	0	26	1	4	6	2	0	0	5	1	32	1	0	1	40	16	5	0
140	0	26	21	4	12	0	12	0	0	1	36	1	6	1	49	38	4	54

Residuū ♃

3 30

Di	Locus S	g	m	Eq̄tio m̄	2	ad di. m̄	2	ad ho. m̄	2	Lati. g̃	m̄	Eq̄tio m̄	2	Elōgatio S	g̃	m̄	Eq̄tio m̄	2
es	retrogd⁹			adde		miue		miue		meri.		miue		☉			miue	
145	0	26	22	4	18	0	0	0	0	1	38	1	12	1	54	29	4	42
150	0	26	22	4	18	1	54	0	5	1	40	1	18	1	59	22	4	36
160	0	26	3	4	31	3	42	0	9	1	43	1	18	2	9	29	4	18
170	0	25	26	4	21	5	30	0	14	1	46	1	24	2	19	56	3	48
180	0	24	31	4	36	6	48	0	17	1	48	1	24	2	30	50	3	42
190	0	23	23	4	45	7	30	0	19	1	49	1	24	2	41	57	3	30
200	0	22	8	4	45	8	12	0	20	1	48	1	24	2	53	17	3	12
210	0	20	46	4	48	7	30	1	19	1	47	1	30	3	4	45	2	54
220	0	19	31	4	48	6	42	0	17	1	45	1	30	3	16	11	2	42
230	0	18	24	4	48	5	6	0	13	1	41	1	24	3	27	30	2	36
240	0	17	33	4	33	3	42	0	9	1	37	1	18	3	38	34	2	6
250	0	16	56	4	33	1	36	0	4	1	33	1	18	3	49	27	2	18
260	0	16	40	4	18	0	0	0	0	1	18	1	12	3	59	53	1	48
	directus					adde		adde										
264	0	16	40	4	18	0	40	0	2	1	26	1	9	4	4	2	2	6
270	0	16	44	4	6	2	6	0	5	2	23	1	6	4	10	6	2	0
280	0	17	5	4	6	4	6	0	10	1	19	1	6	4	19	57	2	12
290	0	17	46	3	36	5	48	0	14	1	14	1	0	4	29	26	1	54
300	0	18	44	3	12	7	24	0	18	1	10	1	0	4	38	37	1	48
310	0	19	58	3	6	8	42	0	22	1	6	1	0	4	47	28	2	6
320	0	21	25	2	48	0	54	0	25	1	2	1	0	4	56	2	2	18
330	0	23	4	2	36	11	0	0	27	0	58	1	0	5	4	20	2	24
340	0	24	54	2	24	11	42	0	29	0	54	1	0	5	12	23	2	36
350	0	26	51	2	18	12	36	0	31	0	51	1	0	5	20	16	2	48
360	0	28	57	2	6	13	0	0	33	0	50	1	0	5	27	56	3	0
370	0	31	7	2	0	13	30	0	34	0	48	1	3	5	35	28	3	18
380	0	33	22	1	48	13	42	0	34	0	46	1	3	5	42	51	3	18
390	0	35	39	1	42	13	54	0	35	0	44	1	3	5	50	11	3	30
398	0	37	30	1	36			0	35	0	43	1	3	5	56	1	3	42

♃

3 40

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtic	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct°			adde		adde		adde		meri.		miue		☉			miue	
0	0	3	19	3	42	14	24	0	36	1	0	0	45	5	58	29	5	6
10	0	5	43	3	39	14	6	0	35	1	0	0	45	0	5	42	5	18
20	0	8	4	3	39	14	6	0	35	1	0	0	45	0	12	56	5	36
30	0	10	25	3	24	13	36	0	34	1	0	0	45	0	20	8	5	24
40	0	12	41	3	24	13	12	0	33	1	0	0	48	0	27	24	5	36
50	0	14	53	3	12	12	42	0	32	1	2	0	48	0	34	43	5	18
60	0	17	0	3	12	11	54	0	30	1	4	1	9	0	42	6	5	24
70	0	18	59	3	6	11	0	0	27	1	6	1	3	0	49	37	5	12
80	0	20	49	3	0	9	54	0	25	1	8	1	3	0	57	17	5	0
90	0	22	28	2	54	8	30	0	21	1	10	1	3	1	5	9	4	36
100	0	23	53	3	3	7	24	0	18	1	13	1	6	1	13	19	4	48
110	0	25	7	3	3	5	36	0	14	1	16	1	12	1	21	39	4	18
120	0	26	3	3	3	3	54	0	10	1	19	1	18	1	30	23	3	54
130	0	26	42	3	3	2	6	0	2	1	22	1	24	1	39	26	3	48
140	0	27	2	3	3	0	24	0	1	1	25	1	27	1	48	49	3	18
	retrogd°					miue		miue										
145	0	27	5	3	3	0	0	0	0	1	27	1	27	1	53	42	3	12
150	0	27	5	3	3	1	48	0	4	1	27	1	27	1	58	36	2	54
160	0	26	47	3	15	3	48	0	9	1	30	1	30	2	8	46	2	42
170	0	26	9	3	15	5	12	0	12	1	32	1	36	2	19	21	2	18
180	0	25	17	3	9	6	36	0	17	1	34	1	42	2	30	13	1	48
190	0	24	11	3	9	7	36	0	19	1	35	1	42	2	41	22	1	36
200	0	22	55	3	9	8	6	0	20	1	34	1	42	2	52	45	1	12
210	0	21	34	3	9	7	30	0	19	1	32	1	48	3	4	16	1	6
220	0	20	19	3	3	6	42	0	17	1	30	1	42	3	15	44	0	48
230	0	19	12	3	3	5	24	0	13	1	27	1	42	3	27	4	0	42
240	0	18	18	3	0	3	36	0	9	1	24	1	42	3	38	13	0	42
250	0	17	42	2	54	1	54	0	5	1	20	1	36	3	49	4	0	36
260	0	14	23	2	48	0	0	0	0	1	16	1	36	3	59	35	0	42

3 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
265	0	17	25	2	36	0	24	0	1	1	14	1	36	4	4	41	0	36
270	0	17	25	2	30	2	6	0	5	1	12	1	33	4	9	46	0	36
280	0	17	46	2	21	3	36	0	9	1	8	1	30	4	19	35	0	36
290	0	18	22	2	21	5	24	0	13	1	4	1	30	4	29	7	1	0
300	0	19	16	2	21	7	18	0	18	1	0	1	30	4	38	29	1	24
310	0	20	29	2	18	8	24	0	21	0	56	1	24	4	47	7	1	48
320	0	21	53	2	12	9	42	0	24	0	52	1	18	4	55	39	2	0
330	0	23	30	1	54	10	48	0	27	0	48	1	12	5	1	56	2	6
340	0	25	18	1	42	11	36	0	29	0	44	1	6	5	11	57	2	12
350	0	27	14	1	36	12	24	0	31	0	41	1	6	5	19	48	2	30
360	0	29	18	1	30	12	54	0	32	0	38	1	3	5	27	26	2	48
370	0	31	27	1	12	13	18	0	33	0	37	1	3	5	3	45	52	42
380	0	33	40	1	6	13	36	0	34	0	36	1	3	5	42	18	2	54
390	0	35	56	1	0	13	48	0	34	0	34	1	0	5	49	36	2	54
398	0	37	46	0	54			0	35	0	33	1	0	5	55	24	2	48

3 ♃ 50

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
0	0	3	56	3	50	14	18	0	36	0	52	0	36	5	57	38	4	42
10	0	6	19	2	54	14	12	0	35	0	52	0	42	0	4	49	4	42
20	0	8	41	2	48	13	48	0	34	0	52	0	42	0	12	0	4	42
30	0	10	59	2	42	13	36	0	34	0	53	0	48	0	19	14	4	54
40	0	13	15	2	30	13	0	0	33	0	53	0	48	0	26	28	4	36
50	0	15	25	2	24	12	42	0	32	0	54	0	48	0	33	50	4	36
60	0	17	32	2	6	11	48	0	29	0	54	0	48	0	41	12	4	12
70	0	19	30	2	0	10	54	0	27	0	55	0	48	0	48	45	4	0
80	0	21	19	2	0	9	48	0	24	0	57	0	54	0	56	27	3	42
90	0	22	57	1	54	8	42	0	22	1	0	1	0	1	4	23	3	36
100	0	24	24	1	48	7	18	0	18	1	2	1	0	1	12	31	3	0
110	0	25	37	1	42	5	36	0	14	1	4	1	6	1	20	56	2	36
120	0	26	33	1	45	4	0	0	10	1	6	1	12	1	29	44	2	24
130	0	27	13	1	45	2	0	0	5	1	8	1	18	1	38	48	2	6
240	0	27	33	1	45	0	30	0	1	1	10	1	18	1	48	16	1	36

Reſiduũ ♃

3 50

Di-es	Locus S	g	m	Eq̃tio m	2	ad di. m	2	ad ho m	2	Lati. g	m	Eq̃tio m	2	Elõgatio S	g	m	Eq̃tio m	2
	retrog̃d'			adde		miue		miue		meri.		miue		☉			miue	
146	0	27	36	1	45	0	15	0	1	1	12	1	24	1	54	9	1	24
150	0	27	35	1	45	1	36	0	4	1	13	1	30	1	58	7	1	18
160	0	27	19	1	36	3	48	0	10	1	15	1	36	2	8	19	0	42
170	0	26	41	1	45	5	18	0	13	1	16	1	36	2	18	58	0	30
180	0	25	48	1	48	6	36	0	16	1	17	1	48	2	29	55	0	12
190	0	24	42	2	0	7	36	0	19	1	18	2	0	2	41	6	0	6
200	0	23	26	2	3	8	0	0	20	1	17	2	0	2	52	33	0	0
																	adde	
210	0	22	6	2	3	7	42	0	19	1	14	1	48	3	4	5	0	12
220	0	20	49	2	12	6	36	0	17	1	12	1	42	3	15	36	0	12
230	0	19	43	2	0	5	30	0	14	1	10	1	48	3	26	57	0	18
240	0	18	48	2	0	3	42	0	9	1	7	1	54	3	38	6	0	18
250	0	18	11	1	54	2	0	0	5	1	4	2	0	3	48	58	0	12
260	0	17	51	1	48	0	30	0	1	1	0	1	54	3	59	28	0	6
	directus					adde		adde										
264	0	17	49	1	48	0	10	0	0	0	58	1	48	4	3	34	0	0
270	0	17	50	1	42	1	54	0	5	0	56	1	42	4	9	40	0	0
																	miue	
280	0	18	9	1	30	3	42	0	9	0	53	1	42	4	19	26	0	6
290	0	18	46	1	24	5	24	0	13	0	49	1	42	4	28	57	0	24
300	0	19	40	1	12	7	12	0	18	0	45	1	36	4	38	5	0	42
310	0	20	52	1	0	8	18	8	21	0	42	1	36	4	46	49	0	48
320	0	22	15	0	54	9	24	0	23	0	39	1	30	4	55	19	1	6
330	0	23	49	0	48	10	36	0	26	0	36	1	24	5	3	35	1	18
340	0	25	35	0	42	11	30	0	29	0	33	1	18	5	10	35	1	36
350	0	27	30	0	36	12	18	0	31	0	30	1	12	5	19	23	1	54
370	0	29	33	0	24	12	36	0	32	0	28	1	12	5	26	58	1	54
370	0	31	39	0	18	13	12	0	33	0	26	1	12	5	34	28	2	6
380	0	33	51	0	12	13	30	0	34	0	25	1	12	5	41	49	2	6
390	0	36	6	0	6	13	36	0	34	0	24	1	12	5	49	7	2	12
398	0	37	55	0	0			0	34	0	23	1	12	5	54	56	2	18

♃

4 0

Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		m eri.		minue		☉			minue	
0	0	4	26	1	54	14	12	0	35	0	46	1	0	5	56	51	3	42
10	0	6	48	1	42	14	6	0	35	0	45	1	0	0	4	2	3	42
20	0	9	9	1	36	13	42	0	34	0	45	1	0	0	11	13	3	48
30	0	11	26	1	24	13	24	0	33	0	45	1	0	0	18	25	3	30
40	0	13	40	1	24	12	54	0	32	0	45	1	0	0	25	42	3	36
50	0	15	49	1	24	12	24	0	31	0	46	1	6	0	33	4	3	30
60	0	17	53	1	18	11	42	0	29	0	49	1	9	0	40	30	3	18
70	0	19	50	1	12	10	54	0	27	0	47	1	12	0	48	5	2	54
80	0	21	39	1	6	9	42	0	24	0	48	1	18	0	55	50	2	48
90	0	23	16	1	0	8	36	0	22	0	50	1	24	1	3	47	2	18
100	0	24	42	0	57	7	12	0	18	0	52	1	30	1	12	0	1	48
110	0	25	54	0	57	5	36	0	14	0	53	1	30	1	20	30	1	36
120	0	26	50	0	57	4	6	0	10	0	54	1	36	1	29	20	1	18
130	0	27	31	0	45	1	54	0	5	0	55	1	36	1	38	27	0	36
140	0	27	50	0	45	0	30	0	1	0	57	1	48	1	48	0	0	12
	retrogd⁹					minue		minue									adde	
146	0	27	53	0	45	6	0	0	0	0	58	1	48	1	53	55	0	18
150	0	27	53	0	39	1	48	0	4	0	58	1	48	1	57	54	0	18
160	0	27	35	0	39	3	36	0	9	0	59	1	54	2	8	12	0	42
170	0	26	59	0	45	5	18	0	13	1	0	2	0	2	18	53	0	48
180	0	26	6	0	42	6	24	0	17	0	59	2	0	2	29	53	1	12
190	0	25	2	0	33	7	30	0	19	0	58	2	0	2	41	5	1	36
200	0	23	47	0	33	8	6	0	20	0	57	2	0	2	52	33	1	42
210	0	22	26	0	45	7	30	0	19	0	56	2	0	3	4	7	1	36
220	0	21	11	0	42	6	48	0	17	0	55	2	6	3	15	38	1	36
230	0	20	3	0	42	5	30	0	14	0	52	2	6	3	27	0	1	36
240	0	19	8	0	42	3	48	0	9	0	48	2	0	3	38	9	1	24
250	0	18	30	0	30	2	6	0	5	0	44	1	54	3	49	0	1	24
260	0	18	9	0	27	0	20	0	1	0	41	1	54	3	59	29	1	12

100

4 0

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		mīue		☉			adde	
266	0	18	7	0	27	0	0	0	0	0	40	1	54	4	5	36	1	12
270	0	18	7	0	27	1	42	0	4	0	39	1	54	4	9	40	0	54
280	0	18	24	0	24	3	36	0	9	0	36	1	48	4	19	28	0	36
290	0	19	0	0	18	5	12	0	13	0	32	1	36	4	28	53	0	12
																	mīue	
300	0	19	52	0	18	7	0	0	18	0	29	1	30	4	37	58	0	6
310	0	21	2	0	6	8	12	0	21	0	26	1	24	4	46	41	0	18
320	0	22	24	0	0	9	18	0	23	0	24	1	18	4	55	8	0	36
330	0	23	57	0	0	10	30	0	26	0	22	1	18	5	3	22	0	54
				mīue														
340	0	25	42	0	12	11	24	0	28	0	20	1	12	5	11	19	1	6
350	0	27	36	0	24	12	6	0	30	0	18	1	12	5	19	4	1	6
360	0	29	37	0	33	12	30	0	31	0	16	1	6	5	26	39	1	12
370	0	31	42	0	33	13	6	0	33	0	14	1	0	5	34	7	1	24
380	0	33	53	0	42	13	24	0	34	0	13	1	0	5	41	28	1	24
390	0	36	7	0	48	13	30	0	34	0	12	1	0	5	48	45	1	24
398	0	37	55	0	48			0	34	0	11	1	0	5	54	33	1	24

4 ♃ 10

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directꝰ			adde		adde		adde		meri.		mīue		☉			mīue	
0	0	4	45	1	18	14	0	0	35	0	36	1	0	5	56	14	3	24
10	0	7	5	1	0	14	0	0	35	0	35	1	0	0	3	25	3	12
20	0	9	25	0	54	13	30	0	34	0	35	1	6	0	10	35	3	0
30	0	11	40	0	54	13	24	0	33	0	35	1	6	0	17	50	3	6
40	0	13	54	0	42	12	54	0	32	0	35	1	6	0	25	6	2	48
50	0	16	3	0	30	12	18	0	31	0	35	1	12	0	32	29	2	30
60	0	18	6	0	24	11	36	0	29	0	35	1	18	0	39	57	2	6
70	0	20	2	0	18	10	48	0	27	0	35	1	18	0	47	36	2	0
80	0	21	50	0	6	9	30	0	24	0	35	1	18	0	55	22	1	24
90	0	23	26	0	0	8	30	0	21	0	36	1	24	1	3	24	0	54
100	0	24	51	0	0	7	18	0	18	0	37	1	30	1	11	42	0	36
				mīue														
110	0	26	4	0	12	5	36	0	14	1	38	1	36	1	20	14	0	6

4 10

Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Equo	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		meri.		miue			☉		adde	
120	0	27	0	0	18	3	48	0	9	0	38	1	36	1	29	7	0	24
130	0	27	38	0	27	1	54	0	5	0	39	1	42	1	38	21	1	0
140	0	27	57	0	27	0	40	0	2	0	39	1	48	1	47	58	1	24
	retrogd'					miue		miue										
146	0	28	1	0	27	0	30	0	1	0	40	1	51	1	53	58	1	18
150	0	27	59	0	27	1	48	0	5	0	40	1	54	1	57	57	1	48
160	0	27	41	0	27	3	24	0	8	0	40	1	54	2	8	19	2	0
170	0	27	7	0	39	5	24	0	13	0	40	2	0	2	19	1	2	36
180	0	26	13	0	39	6	36	0	17	0	39	2	6	2	30	5	2	42
190	0	25	7	0	39	7	30	0	19	0	38	2	6	2	41	21	2	54
200	0	23	52	0	39	7	54	0	20	0	37	2	12	2	52	50	3	6
210	0	22	34	0	39	7	36	0	19	0	36	2	12	3	4	23	2	54
220	0	21	18	0	39	6	48	0	17	0	34	2	12	3	15	54	3	0
230	0	20	10	0	39	5	30	0	14	0	31	2	6	3	27	16	2	42
240	0	19	15	0	39	4	0	0	10	0	28	2	0	3	38	23	2	36
250	0	18	35	0	39	2	6	0	5	0	25	1	54	3	49	14	2	0
260	0	18	14	0	33	0	30	0	1	0	22	1	42	3	59	41	2	0
	Directus					adde		adde										
266	0	18	11	0	33	0	15	0	1	0	21	1	42	4	5	48	1	42
270	0	18	12	0	33	1	36	0	4	0	20	1	42	4	9	49	1	36
280	0	18	28	0	33	3	30	0	9	0	18	1	36	4	19	34	1	0
190	0	19	3	0	42	5	12	0	13	0	16	1	36	4	28	55	0	54
300	0	19	55	0	54	6	48	0	17	0	14	1	30	4	37	57	0	42
310	0	21	3	0	57	8	6	0	20	0	12	1	24	4	46	38	0	24
320	0	22	24	0	57	9	18	0	23	0	11	1	24	4	55	2	0	0
																	miue	
330	0	23	57	1	3	10	18	0	26	0	9	1	18	5	3	13	0	12
340	0	25	40	1	3	11	12	0	28	0	8	1	18	5	11	8	0	30
350	0	27	32	1	6	11	54	0	30	0	6	1	12	5	18	53	0	42
360	0	29	31	1	12	12	36	0	32	0	5	1	6	5	26	27	0	42
370	0	31	37	1	24	12	54	0	32	0	4	1	6	5	33	53	0	42
380	0	33	46	1	24	13	18	0	33	0	3	1	6	5	41	14	0	48
390	0	35	59	1	42	13	30	0	34	0	2	1	6	5	48	31	0	24
398	0	37	47	1	54			0	34	0	1	1	6	5	54	19	0	0

4 20

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directꝰ			adde		adde		adde		meri.		mĩue			☉		mĩue	
0	0	4	58	0	6	13	42	0	34	0	26	1	6	5	55	41	2	18
10	0	7	15	0	6	13	54	0	35	0	25	1	6	0	2	53	2	12
20	0	9	34	0	0	13	30	0	34	0	24	1	6	0	10	5	2	12
				mĩue														
30	0	11	49	0	15	13	12	0	33	0	24	1	6	0	17	19	1	48
40	0	14	1	0	18	12	42	0	32	0	24	1	6	0	24	38	1	42
50	0	16	8	0	24	12	12	0	30	0	23	1	6	0	32	4	1	18
60	0	18	10	0	36	11	30	0	29	0	22	1	6	0	39	36	1	6
70	0	20	5	0	42	10	36	0	27	0	22	1	12	0	47	16	0	36
80	0	21	51	0	48	9	36	0	24	0	22	1	18	0	55	8	0	6
																	adde	
90	0	23	26	0	48	8	30	0	21	0	22	1	18	1	3	15	0	12
100	0	24	51	1	6	7	6	0	18	0	22	1	18	1	11	36	0	48
110	0	26	2	1	12	5	30	0	14	0	22	1	24	1	20	13	1	24
120	0	26	57	1	18	3	36	0	9	0	22	1	36	1	29	11	1	48
130	0	27	33	1	18	1	34	0	5	0	22	1	42	1	38	31	2	12
140	0	27	52	1	30	0	40	0	2	0	21	1	42	1	48	12	2	48
	retrog̃dꝰ					mĩue		mĩue										
146	0	27	56	1	30	0	30	0	1	0	21	1	48	1	54	11	3	0
150	0	27	54	1	42	1	42	0	4	0	21	1	48	1	58	15	3	18
160	0	27	37	1	42	3	42	0	9	0	21	1	54	2	8	39	3	36
170	0	27	0	1	48	5	18	0	13	0	20	2	0	2	19	27	3	54
180	0	26	7	1	54	6	42	0	17	0	18	2	0	2	30	32	4	6
190	0	25	0	1	54	7	30	0	19	0	17	2	6	2	41	50	4	18
200	0	23	45	1	54	7	42	0	19	0	15	2	0	2	53	21	4	12
210	0	22	28	1	54	7	42	0	19	0	14	2	0	3	4	52	4	12
220	0	21	11	1	48	6	42	0	17	0	12	2	0	3	16	24	3	54
230	0	20	4	1	45	5	36	0	14	0	10	1	54	3	27	43	3	36
240	0	19	8	1	45	3	42	0	9	0	8	1	48	3	38	49	3	18
250	0	18	31	1	45	2	18	0	6	0	6	1	45	3	49	34	3	12
260	0	18	8	1	42	0	36	0	1	0	1	1	45	4	0	1	2	42
	Directus					adde		adde										
267	0	18	5	1	39	0	20	0	1	0	4	1	45	4	7	5	2	18
270	0	18	6	1	39	1	42	0	4	0	3	1	42	4	10	5	2	6

4 20

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			miue		adde		adde		meri.		miue		☉			adde	
280	0	18	6	1	39	1	42	0	4	0	3	1	42	4	19	44	2	6
290	0	18	56	1	48	5	0	0	13	0	0	1	30	4	29	4	1	36
										sept.		adde						
300	0	19	46	1	48	6	42	0	17	0	1	1	30	4	38	4	1	12
310	0	20	53	1	39	8	12	0	20	0	2	1	24	4	46	42	0	42
320	0	22	15	1	57	9	6	0	23	0	3	1	24	4	55	2	0	42
330	0	23	46	1	57	10	24	0	26	0	4	1	18	5	3	11	0	24
340	0	25	30	2	12	11	6	0	27	0	5	1	12	5	11	3	0	24
350	0	27	21	2	18	11	48	0	29	0	6	1	9	5	18	46	0	24
260	0	29	19	2	30	12	24	0	31	0	6	1	9	5	26	20	0	24
370	0	31	23	2	30	12	54	0	32	0	7	1	9	5	33	46	0	18
380	0	33	32	2	36	13	0	0	33	0	8	1	6	5	41	6	0	30
390	0	35	42	2	36	13	24	0	34	0	9	1	0	5	48	27	0	30
398	0	37	28	2	36			0	34	0	10	1	0	5	54	19	0	24

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4 30

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		miue		☉			miue	
0	0	4	59	0	36	13	42	0	34	0	15	1	3	5	55	18	1	30
10	0	7	16	0	42	13	48	0	34	0	14	1	3	0	2	31	1	30
20	0	9	34	0	54	13	12	0	33	0	13	1	3	0	9	43	1	12
30	0	11	46	1	0	13	12	0	33	0	13	1	6	0	17	1	1	0
40	0	13	58	1	12	12	36	0	32	0	13	1	9	0	24	21	0	30
50	0	16	4	1	12	12	0	0	30	0	12	1	9	0	31	51	0	30
60	0	18	4	1	18	11	24	0	28	0	11	1	9	0	39	25	0	0
																	adde	
70	0	19	58	1	30	10	30	0	25	0	10	1	9	0	47	10	0	36
80	0	21	43	1	48	9	30	0	24	0	9	1	12	0	55	7	1	12
90	0	23	18	2	0	8	12	0	21	0	9	1	18	1	3	17	1	42
100	0	24	40	2	6	7	0	0	18	0	9	1	30	1	11	44	2	18
110	0	25	50	2	6	5	24	0	14	0	8	1	30	1	20	27	2	36
120	0	26	44	2	30	3	36	0	9	0	6	1	30	1	29	29	3	24
130	0	27	20	2	36	1	42	0	4	0	5	1	30	1	38	53	3	54
140	0	27	37	2	42	0	48	0	2	0	4	1	30	1	48	40	4	18

Residuū ♃

4 30

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d9			adde		miue		miue		me	ri.	miue		☉			adde	
145	0	27	41	2	48	0	48	0	2	0	4	1	39	1	53	40	4	30
150	0	27	37	2	48	1	42	0	4	0	3	1	42	1	58	48	4	42
160	0	27	20	3	0	3	48	0	9	0	2	1	48	2	9	15	5	6
170	0	26	42	3	6	5	24	0	13	0	0	1	48	2	20	6	5	18
										sept.		adde						
180	0	25	48	3	6	6	42	0	17	0	2	1	48	2	31	13	5	30
190	0	24	41	3	6	7	30	0	19	0	4	1	48	2	42	33	5	24
200	0	23	26	3	6	7	42	0	19	0	5	1	54	2	44	3	5	24
210	0	22	9	3	6	7	36	0	19	0	6	2	0	3	5	34	5	12
220	0	20	53	3	6	6	36	0	17	0	8	1	54	3	17	3	5	0
230	0	19	47	3	12	5	36	0	14	0	9	1	54	3	28	19	4	48
240	0	18	51	3	12	3	48	0	9	0	10	1	54	3	39	22	4	36
250	0	18	13	3	12	2	12	0	5	0	11	1	54	3	50	6	4	6
260	0	17	51	3	9	0	20	0	1	0	13	1	42	4	0	28	3	36
	directus			}		adde		adde										
266	0	17	49	3	6	0	15	0	1	0	14	1	39	4	6	28	3	30
270	0	17	50	3	9	1	24	0	3	0	14	1	36	4	10	26	3	24
280	0	18	4	3	6	3	24	0	8	0	15	1	30	4	20	5	2	54
290	0	18	38	3	54	5	0	0	12	0	15	1	30	4	29	20	2	18
300	0	19	28	3	3	6	54	0	17	0	16	1	24	4	38	16	2	6
310	0	20	37	3	3	7	48	0	20	0	16	1	18	4	46	49	1	48
320	0	21	55	2	54	9	12	0	23	0	17	1	12	4	55	9	1	18
330	0	23	27	2	57	10	6	0	25	0	17	1	12	5	3	15	1	12
340	0	25	8	2	57	11	0	0	28	0	17	1	12	5	11	7	1	6
350	0	26	58	3	0	11	36	0	29	0	17	1	12	5	18	50	0	54
360	0	28	54	3	0	12	24	0	31	0	18	1	6	5	26	24	0	48
370	0	30	58	3	6	12	48	0	32	0	19	1	0	5	33	49	1	0
380	0	33	6	3	6	13	0	0	33	0	20	0	57	5	41	11	1	0
390	0	35	16	3	12	13	12	0	33	0	20	0	57	5	48	32	1	6
398	0	37	2	3	12			0	33	0	20	1	6	5	54	23	1	6

♃

4 40

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		meri.		minue		☉			minue	
0	0	4	53	1	30	13	36	0	34	0	4	1	3	5	55	3	0	42
10	0	7	9	1	36	13	36	0	34	0	3	1	3	0	2	16	0	30
20	0	9	25	1	48	13	6	0	33	0	3	1	6	0	9	31	0	12
																	adde	
30	0	11	36	1	48	13	0	0	32	0	2	1	6	0	16	51	0	6
40	0	13	46	2	0	12	36	0	31	0	1	1	6	0	24	16	0	24
50	0	15	52	2	12	12	54	0	30	0	0	1	6	0	31	46	0	54
										sept.		adde						
60	0	17	51	2	18	11	12	0	28	0	0	1	12	0	39	25	1	18
70	0	19	43	2	36	10	12	0	25	0	1	1	18	0	47	16	2	0
80	0	21	25	2	36	9	18	0	23	0	3	1	18	0	55	19	2	18
90	0	22	58	2	48	8	6	0	20	0	4	1	24	1	3	34	3	0
100	0	24	19	2	54	7	0	0	18	0	6	1	24	1	12	7	3	24
110	0	25	29	3	6	5	0	0	13	0	7	1	30	1	20	53	4	0
120	0	26	19	3	18	3	30	0	9	0	6	1	30	1	30	3	4	36
130	0	26	54	3	27	3	36	0	4	0	10	1	42	1	39	32	5	6
140	0	27	10	3	27	0	42	0	2	0	12	1	48	1	49	23	5	18
	retrogd°					minue		minue										
144	0	27	13	3	27	0	40	0	2	0	13	1	48	1	53	24	5	24
150	0	27	9	3	48	1	54	0	5	0	14	1	48	1	59	35	5	54
160	0	26	50	4	6	3	54	0	10	0	16	1	48	2	10	6	6	18
170	0	26	11	4	6	5	24	0	13	0	18	1	54	2	20	59	6	30
180	0	25	17	4	15	6	42	0	17	0	20	2	0	2	32	8	6	42
190	0	24	10	4	15	7	30	0	19	0	22	2	0	2	43	27	6	30
200	0	22	55	4	24	7	42	0	19	0	24	1	57	2	54	57	6	30
210	0	21	38	4	30	7	36	0	19	0	26	1	57	3	6	26	6	24
220	0	20	22	4	18	6	42	0	17	0	27	1	57	3	17	53	5	54
230	0	19	15	4	6	5	36	0	14	0	28	1	57	3	29	7	5	30
240	0	18	19	4	3	3	48	0	10	0	29	1	48	3	40	8	4	54
250	0	17	41	4	3	2	6	0	5	0	30	1	42	3	50	47	4	36
260	0	17	20	3	42	0	30	0	1	0	30	1	42	4	1	4	3	54

4 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Directus			miñe		adde		adde		sept.		adde		☉			ad de	
266	0	17	17	3	42	0	15	0	1	0	30	1	42	4	7	3	3	48
370	0	17	18	3	36	1	30	0	4	0	30	1	42	4	11	0	3	24
280	0	17	33	3	33	3	36	0	9	0	30	1	36	4	20	34	2	54
290	0	18	9	3	33	4	54	0	12	0	30	1	30	4	29	43	2	42
300	0	18	58	3	33	6	48	0	17	0	30	1	24	4	38	37	2	12
310	0	20	6	3	33	8	0	0	20	0	29	1	24	4	47	7	1	54
320	0	21	26	3	33	9	6	0	23	0	29	1	18	4	55	22	1	48
330	0	22	57	3	33	10	6	0	25	0	29	1	12	5	3	27	1	42
340	0	24	38	3	33	11	0	0	27	0	29	1	6	5	11	18	1	30
350	0	26	28	3	33	11	36	0	29	0	29	1	6	5	18	59	1	18
360	0	28	24	3	27	12	18	0	31	0	29	1	6	5	26	32	1	18
370	0	30	27	3	33	12	48	0	32	0	29	1	6	5	33	59	1	24
380	0	32	35	3	42	12	54	0	33	0	29	1	6	5	41	21	1	36
390	0	34	44	3	54	13	12	0	33	0	30	1	0	5	48	43	2	0
398	0	36	30	3	54			0	33	0	31	0	54	5	54	34	2	24

♃

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Di	S	g	m	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			miñe		adde		ad de		sept.		miñe		☉			adde	
0	0	4	36	2	30	13	30	0	34	0	7	1	0	5	54	56	0	24
10	0	6	53	2	36	13	24	0	33	0	7	1	6	0	2	11	0	36
20	0	9	7	2	48	13	6	0	33	0	8	1	6	0	9	29	1	6
30	0	11	18	2	54	12	48	0	32	0	9	1	6	0	16	52	1	18
40	0	13	26	3	0	12	24	0	31	0	10	1	6	0	24	20	1	42
50	0	15	30	3	6	11	48	0	29	0	11	1	9	0	31	55	2	12
60	0	17	28	3	18	10	54	0	27	0	12	1	9	0	39	38	2	48
70	0	19	17	3	24	10	12	0	25	0	14	1	9	0	47	36	3	6
80	0	20	57	3	30	9	6	0	23	0	16	1	12	0	55	42	3	42
90	0	22	30	3	36	8	0	0	20	0	18	1	18	1	4	4	4	6
100	0	23	50	3	54	6	48	0	17	0	20	1	24	1	12	41	4	48
110	0	24	58	4	6	4	48	0	12	0	22	1	30	1	21	33	5	30
120	0	25	46	4	1	3	18	0	8	0	24	1	30	1	30	49	5	48
130	0	26	19	4	18	1	42	0	4	0	27	1	30	1	40	23	6	12
140	0	26	36	4	42	0	50	0	2	0	30	1	30	1	50	16	6	48

Residuū ♃

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	m̃g		m̃	2	S	g	m̃	m̃	2
es	retrogd'			minue		minue		minue		sept.		minue		☉			adde	
144	0	26	39	4	45	1	20	0	3	0	31	1	33	1	54	18	7	0
150	0	26	31	4	45	2	12	0	6	0	32	1	36	2	0	34	6	54
160	0	26	9	4	48	3	54	0	10	0	34	1	42	2	11	9	7	12
170	0	25	30	4	54	5	36	0	14	0	37	1	48	2	22	4	7	18
180	0	24	34	4	54	6	36	0	16	0	40	1	48	2	33	15	7	6
190	0	23	28	5	18	7	42	0	19	0	42	1	54	2	44	32	7	24
200	0	22	11	5	6	7	48	0	19	0	43	2	6	2	56	2	7	0
210	0	20	53	5	3	7	24	0	18	0	45	2	0	3	7	30	6	36
220	0	19	39	5	3	6	30	0	16	0	47	1	51	3	18	52	6	30
230	0	18	34	5	0	5	30	0	14	0	48	1	51	3	30	2	5	54
240	0	17	39	4	42	3	54	0	10	0	47	1	51	3	40	57	5	12
250	0	17	0	4	36	1	42	0	4	0	47	1	48	3	51	33	4	48
260	0	16	43	4	33	0	36	0	2	0	47	1	36	4	1	42	4	18
	directus					adde		adde										
265	0	16	40	4	43	0	24	0	1	0	47	1	33	4	6	41	4	12
270	0	16	42	4	33	1	36	0	4	0	47	1	30	4	11	34	4	0
280	0	16	58	4	30	3	30	0	9	0	46	1	24	4	21	3	3	36
290	0	17	33	4	24	5	0	0	13	0	45	1	18	4	30	10	3	6
300	0	18	23	4	9	6	48	0	17	0	44	1	18	4	38	59	2	30
310	0	19	31	4	9	8	0	0	20	0	43	1	12	4	47	26	2	30
320	0	20	51	4	9	9	0	0	23	0	42	1	6	4	55	49	2	12
330	0	22	21	4	9	10	6	0	25	0	41	1	0	5	3	44	2	6
340	0	24	2	4	15	11	6	0	26	0	40	1	0	5	11	33	1	54
350	0	24	51	4	15	11	42	0	29	0	40	0	54	5	19	12	2	6
360	0	27	50	4	15	12	12	0	30	0	40	0	54	5	26	45	2	12
370	0	29	52	4	15	12	12	0	32	0	40	0	54	5	34	13	2	6
380	0	31	58	4	15	12	42	0	32	0	40	0	54	5	41	37	2	24
390	0	34	5	4	15	13	12	0	33	0	40	0	48	5	49	3	2	36
398	0	35	51	4	24			0	33	0	40	0	48	5	54	58	3	6

♃

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		adde		☉			adde	
0	0	4	12	3	6	13	24	0	33	0	17	1	0	5	55	0	1	6
10	0	6	27	3	12	13	12	0	33	0	18	1	0	0	2	17	1	30
20	0	8	39	3	18	13	0	0	33	0	19	1	0	0	9	40	1	42
30	0	10	49	3	18	12	42	0	32	0	20	1	6	0	17	5	2	0
40	0	12	56	3	24	12	18	0	31	0	21	1	9	0	24	37	2	30
50	0	14	59	3	36	11	36	0	29	0	23	1	9	0	32	17	3	0
60	0	16	55	3	36	10	48	0	27	0	24	1	12	0	40	6	3	18
70	0	18	43	3	48	10	6	0	25	0	25	1	15	0	48	7	4	0
80	0	20	24	4	6	9	0	0	22	0	28	0	15	0	56	19	4	36
90	0	21	54	4	18	7	42	0	19	0	31	0	15	1	4	45	5	12
100	0	23	11	4	24	6	36	0	17	0	34	0	18	1	13	29	5	48
110	0	24	17	4	30	4	42	0	18	0	37	0	24	1	22	28	6	6
120	0	25	4	4	36	3	18	0	8	0	39	0	36	1	31	47	6	30
130	0	25	36	4	54	1	18	0	3	0	42	0	36	1	41	25	7	0
140	0	25	49	5	12	0	0	0	0	0	45	0	42	1	51	24	7	24
	retrog̃d⁹					minue		minue										
143	0	25	49	5	12	0	43	0	2	0	46	0	42	1	54	28	7	36
150	0	25	44	5	18	2	18	0	6	0	48	0	42	2	1	43	7	42
160	0	25	21	5	30	4	0	0	10	0	51	0	42	2	12	21	7	54
170	0	24	41	5	42	5	36	0	14	0	55	0	36	2	23	17	7	54
180	0	23	45	5	48	7	0	0	17	0	58	0	36	2	34	26	7	54
190	0	22	35	5	42	7	30	0	19	1	1	0	33	2	45	46	7	42
200	0	21	20	5	54	7	42	0	19	1	4	0	33	2	57	12	7	30
210	0	20	13	6	0	7	30	0	19	1	5	0	33	3	8	36	4	24
220	0	18	48	5	39	6	24	0	16	1	5	0	30	3	19	57	6	30
230	0	17	44	5	39	5	12	0	13	1	6	0	18	3	31	1	6	12
240	0	16	52	5	36	3	48	0	10	1	6	0	12	3	41	49	5	48
250	0	16	14	5	24	3	36	0	4	1	5	0	6	3	52	21	5	6
260	0	15	58	5	24	0	48	0	2	1	3	0	6	4	2	26	4	48

5 0

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Equo	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			mine		adde		adde		sept.		adde		☉			adde	
265	0	15	54	5	6	0	24	0	1	1	2	0	3	4	7	23	4	18
270	0	15	56	5	6	1	42	0	4	1	2	0	9	4	12	14	4	12
280	0	16	13	4	57	3	36	0	9	1	0	0	0	4	21	39	4	36
290	0	16	49	4	57	5	12	0	13	0	58	0	0	4	30	41	3	18
300	0	17	42	4	57	6	42	0	17	0	57	0	54	4	39	24	3	18
310	0	18	49	4	57	8	0	0	20	0	55	0	54	4	48	51	3	0
320	0	20	9	4	51	9	0	0	33	0	52	0	48	4	46	2	2	42
330	0	21	39	4	45	10	12	0	25	0	51	0	42	5	4	5	2	30
340	0	23	21	4	45	11	0	0	28	0	50	0	42	5	11	52	2	42
350	0	25	11	4	42	11	36	0	29	0	49	0	42	5	19	33	2	36
360	0	27	7	4	39	12	18	0	31	0	49	0	36	5	27	7	2	30
370	0	29	10	4	39	12	30	0	31	0	49	0	36	5	34	34	2	48
380	0	31	15	4	39	12	48	0	32	0	48	0	36	5	42	1	3	6
390	0	33	23	4	39	13	3	0	33	0	48	0	36	5	49	20	3	12
398	0	35	7	4	39			0	33	0	48	0	36	5	55	20	3	6

♃

5 10

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			mine		adde		adde		sept.		adde		☉			adde	
0	0	3	42	3	36	13	18	0	33	0	27	0	57	5	55	11	1	54
10	0	5	55	3	42	13	6	0	33	0	28	0	57	0	2	32	2	6
20	0	8	6	3	48	12	0	0	33	0	29	0	57	0	9	57	2	30
30	0	10	16	4	0	12	36	0	32	0	31	0	57	0	17	25	3	6
40	0	12	22	4	6	12	6	0	30	0	33	0	57	0	25	2	3	30
50	0	14	23	4	12	11	36	0	29	0	34	1	0	0	32	47	3	54
60	0	16	19	4	24	10	36	0	27	0	36	1	0	0	40	39	4	36
70	0	18	5	4	24	9	48	0	24	0	38	1	0	0	48	47	4	54
80	0	19	43	4	30	8	48	0	22	0	40	1	6	0	57	5	5	24
90	0	21	11	4	42	7	36	0	19	0	43	1	6	1	5	37	6	6
100	0	22	27	4	42	6	30	0	16	0	47	1	6	1	14	27	6	18
110	0	23	32	5	6	4	36	0	12	0	51	1	6	1	23	29	7	0
120	0	24	18	5	12	2	54	0	7	0	55	1	6	1	32	52	7	18
130	0	24	47	5	36	1	0	0	2	0	58	1	9	0	42	35	7	48
140	0	24	57	5	36	0	0	0	0	1	2	1	9	1	52	38	8	0

5 10

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	retrog̃d⁹			miue		miue		miue		sept.		adde		☉			adde	
141	0	24	57	5	36	0	40	0	2	1	2	1	9	1	53	40	8	0
150	0	24	51	5	48	2	30	0	6	1	5	1	12	2	3	0	8	12
160	0	24	26	5	54	4	12	0	10	1	8	1	18	2	13	40	8	6
170	0	23	44	6	18	5	42	0	14	1	11	1	24	2	24	36	8	24
180	0	22	47	6	30	7	0	0	18	1	14	1	24	2	35	45	8	24
190	0	21	37	6	36	7	36	0	19	1	16	1	30	2	47	3	8	12
200	0	20	21	6	36	7	48	0	19	1	19	1	24	2	58	27	8	0
210	0	19	3	6	27	7	6	0	18	1	21	1	24	3	9	50	7	18
220	0	17	52	6	27	6	30	0	16	1	20	1	24	3	21	2	7	0
230	0	16	47	6	12	5	6	0	13	1	19	1	24	3	32	3	6	24
240	0	15	56	6	12	3	36	0	9	1	18	1	24	3	42	47	5	54
250	0	15	20	6	6	1	36	0	4	1	16	1	24	3	53	12	5	30
260	0	15	4	5	51	0	12	0	0	1	14	1	18	4	3	14	4	54
	Direct⁹					adde		adde										
265	0	15	3	5	51	0	24	0	1	1	13	1	18	4	8	6	4	36
270	0	15	5	5	36	1	54	0	5	1	12	1	12	4	12	56	4	18
280	0	15	24	5	30	3	36	0	9	1	10	1	12	4	22	15	3	54
290	0	16	0	5	24	5	12	0	13	1	8	1	12	4	31	14	3	42
300	0	16	52	5	12	6	42	0	17	1	6	1	6	4	39	57	3	12
310	0	17	59	5	0	8	12	0	20	1	4	0	54	4	48	21	2	54
320	0	19	21	5	0	9	6	0	23	1	1	0	54	4	56	29	2	48
330	0	20	52	4	54	10	0	0	25	0	58	0	54	5	4	30	2	48
340	0	22	33	4	51	11	6	0	28	0	57	0	48	5	12	19	2	42
350	0	24	24	4	51	11	42	0	29	0	56	0	48	5	19	57	2	48
360	0	26	21	4	51	12	6	0	30	0	55	0	48	5	27	32	3	0
370	0	28	23	4	51	12	30	0	31	0	55	0	42	5	35	2	3	18
380	0	30	28	4	51	12	48	0	32	0	54	0	42	5	42	32	3	24
390	0	32	36	4	51	13	3	0	33	0	54	0	42	5	50	1	3	48
398	0	34	20	4	51			0	33	0	54	0	42	5	56	0	4	24

♃

5 20

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	m	g	m	2	S	g	m	m	2
es	directus			miue		adde		adde		sept.		adde		☉			adde	
0	0	3	6	4	6	13	12	0	33	0	37	0	54	5	55	30	2	30
10	6	5	18	4	12	13	0	0	33	0	38	0	48	0	2	53	2	54
20	0	7	28	4	21	12	48	0	32	0	39	0	48	0	10	22	3	30
30	0	9	36	4	21	12	30	0	31	0	40	0	48	0	17	56	3	42
40	0	11	41	4	30	12	0	0	30	0	42	0	48	0	25	37	4	18
50	0	13	41	4	36	11	24	0	28	0	44	0	48	6	33	26	4	48
60	0	15	35	4	42	10	36	0	26	0	46	0	48	0	41	25	5	12
70	0	17	21	4	54	9	42	0	24	0	48	0	48	0	49	36	5	48
80	0	18	58	5	0	8	36	0	22	0	51	0	48	0	57	59	6	24
90	0	20	24	5	12	7	36	0	19	0	54	0	48	1	6	38	6	48
100	0	21	40	5	24	6	6	0	15	0	58	0	48	1	15	30	7	18
110	0	22	41	5	36	4	30	0	11	1	2	0	54	1	24	39	7	42
120	0	23	26	5	42	2	30	0	6	1	6	0	54	1	34	5	7	54
130	0	23	51	5	54	1	0	0	2	1	10	1	0	1	43	53	8	18
	retrogd9					miue		miue										
140	0	24	1	6	12	0	48	0	2	1	13	1	3	1	53	58	8	33
150	0	23	53	6	24	2	36	0	6	1	17	1	6	2	4	22	8	36
160	0	23	27	6	45	4	36	0	11	1	21	1	6	2	15	1	8	54
170	0	22	41	6	45	5	54	0	15	1	25	1	6	2	26	0	8	36
180	0	21	42	6	45	7	6	0	18	1	28	1	6	2	37	9	8	24
190	0	20	31	6	45	7	36	0	19	1	31	1	0	2	48	25	8	6
200	0	19	15	6	45	7	36	0	19	1	33	1	0	2	59	47	7	36
210	0	17	59	6	54	7	12	0	18	1	35	0	57	3	11	3	7	24
220	0	16	47	6	54	6	12	0	15	1	34	0	57	3	22	12	7	6
230	0	15	45	6	54	5	6	0	13	1	33	0	57	3	33	7	6	36
240	0	14	54	6	36	3	30	0	9	1	32	0	54	3	43	46	6	0
250	0	14	19	6	21	1	18	0	3	1	30	0	48	3	54	7	5	24
260	0	14	6	6	21	0	40	0	2	1	27	0	48	4	4	3	5	6

5 20

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
263	0	14	6	6	12	0	43	0	2	1	26	0	48	4	6	59	5	0
270	0	14	7	6	12	2	0	0	5	1	24	0	48	4	13	36	4	36
280	0	14	29	6	6	3	42	0	9	1	22	0	42	4	22	54	4	24
290	0	15	6	6	0	5	24	0	13	1	20	0	36	4	31	51	4	0
300	0	16	0	5	48	6	54	0	17	1	17	0	30	4	40	29	3	42
310	0	17	9	5	36	8	12	0	21	1	13	0	30	4	48	50	3	24
320	0	18	31	5	30	9	12	0	23	1	10	0	24	4	56	57	3	24
330	0	20	3	5	24	10	12	0	25	1	7	0	24	5	4	58	3	18
340	0	21	45	5	18	11	0	0	27	1	5	0	24	5	12	46	3	12
350	0	23	35	5	6	11	42	0	29	1	4	0	18	5	20	27	3	12
360	0	25	32	5	0	12	12	0	30	1	3	0	18	5	28	2	3	24
370	0	27	34	5	0	12	30	0	31	1	2	0	18	5	35	35	3	30
380	0	29	39	4	57	12	48	0	32	1	1	0	18	5	42	6	3	48
390	0	31	47	4	57	13	3	0	33	1	1	0	18	5	50	39	4	18
398	0	33	21	4	54			0	33	1	1	0	18	5	56	44	4	36

5 ♃ 30

	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elõgatiõ			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
0	0	2	25	4	39	13	6	0	33	0	46	0	36	5	55	55	3	24
10	0	4	36	4	39	12	51	0	33	0	46	0	42	0	3	22	3	42
20	0	6	44	4	39	12	51	0	32	0	47	0	42	0	10	57	4	6
30	0	8	53	4	57	12	18	0	31	0	48	0	42	0	18	33	4	48
40	0	10	56	4	57	11	54	0	30	0	50	0	42	0	26	20	5	6
50	0	12	55	5	0	11	18	0	28	0	52	0	42	0	34	14	5	30
60	0	14	48	5	6	10	24	0	26	0	54	0	42	0	42	17	6	0
70	0	16	32	5	6	9	36	0	24	0	56	0	48	0	50	34	6	30
80	0	18	8	5	24	8	24	0	21	0	59	0	48	0	59	3	7	0
90	0	19	32	5	24	7	24	0	19	1	2	0	54	1	7	46	7	18
100	0	20	46	5	36	5	54	0	15	1	6	1	0	1	16	43	7	42
110	0	21	45	5	48	4	24	0	11	1	11	1	0	1	25	56	8	6
120	0	22	29	6	6	2	18	0	6	1	15	1	6	1	35	24	8	30
130	0	22	52	6	18	0	53	0	2	1	20	1	6	1	45	16	8	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃dꝰ			miue		miue		miue		sept.		adde		☉			adde	
139	0	23	0	6	21	0	36	0	1	1	24	1	6	1	54	21	8	42
140	0	22	59	6	21	1	0	0	3	1	24	1	6	1	55	24	8	30
150	0	22	49	6	36	3	0	0	7	1	28	1	12	2	5	48	8	42
160	0	22	19	6	42	4	30	0	11	1	32	1	18	2	16	30	8	36
170	0	21	34	6	48	6	0	0	15	1	36	1	18	2	27	26	8	24
180	0	20	34	7	0	7	0	0	17	1	39	1	18	2	38	33	8	18
190	0	19	24	7	0	7	36	0	19	1	41	1	18	2	49	0	7	54
200	0	18	8	7	18	7	48	0	19	1	43	1	12	3	1	3	7	48
210	0	16	50	7	12	7	12	0	18	1	44	1	6	3	12	17	7	24
220	0	15	38	7	12	6	12	0	15	1	44	1	0	3	23	23	6	54
230	0	14	36	7	6	4	48	0	12	1	43	0	48	3	34	13	6	30
340	0	13	48	6	48	3	12	0	8	1	41	0	42	3	44	46	5	54
250	0	13	16	6	36	1	24	0	3	1	38	0	42	3	55	1	5	18
260	0	13	2	5	27	0	0	0	0	1	35	0	42	4	4	54	4	48
	Directus					adde		adde										
262	0	13	2	6	27	0	38	0	2	1	34	0	36	4	6	49	4	48
270	0	13	7	6	24	2	6	0	5	1	32	0	30	4	14	25	4	42
280	0	13	28	6	6	3	48	0	9	1	29	0	21	4	23	38	4	6
290	0	14	6	5	54	5	36	0	14	1	26	0	21	4	32	31	3	48
300	0	15	2	5	48	7	6	0	18	1	22	0	21	4	41	6	3	36
310	0	16	13	5	36	8	18	0	22	1	18	0	21	4	49	24	3	30
320	0	17	36	5	30	9	18	0	23	1	14	0	21	4	57	31	3	18
330	0	19	9	5	24	10	18	0	26	1	11	0	51	5	5	31	3	18
340	0	20	52	5	18	11	12	0	28	1	9	0	21	5	13	18	3	24
350	0	22	44	5	12	11	48	0	29	1	7	0	21	5	20	59	3	36
360	0	24	44	5	0	12	12	0	30	1	6	0	18	5	28	36	3	30
370	0	26	44	5	0	12	36	0	32	1	5	0	18	5	36	10	3	54
380	0	28	50	5	0	12	48	0	32	1	4	0	12	5	43	44	4	18
390	0	30	57	4	54	13	3	0	33	1	4	0	12	5	51	22	4	42
398	0	32	41	4	54			0	33	1	4	0	6	5	57	30	4	42

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	Locus			Eqtio		ad vi.		ad ho		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			minue		adde		adde		sept.		adde		☉			adde	
0	0	1	38	4	57	13	12	0	33	0	52	0	30	5	56	29	4	0
10	0	3	50	4	57	12	42	0	32	0	53	0	30	0	3	59	4	24
20	0	5	57	4	57	12	36	0	31	0	54	0	30	0	11	38	4	42
30	0	8	3	4	57	12	24	0	31	0	55	0	36	0	19	21	5	6
40	0	10	7	5	0	11	48	0	29	0	57	0	36	0	27	11	5	30
50	0	12	5	5	6	11	12	0	28	0	59	0	36	0	35	9	6	0
60	0	13	57	5	0	10	24	0	26	1	1	0	36	0	43	17	6	30
70	0	15	41	5	18	9	18	0	23	1	4	0	36	0	51	39	6	54
80	0	17	14	5	24	8	24	0	21	1	7	0	42	1	0	13	7	18
90	0	18	38	5	30	7	12	0	18	1	11	0	42	1	8	59	7	36
100	0	19	50	5	42	5	42	0	14	1	16	0	42	1	18	0	8	0
110	0	20	47	5	48	4	6	0	10	1	21	0	42	1	27	17	8	6
120	0	21	28	6	6	2	6	0	5	1	26	0	36	1	36	49	8	30
130	0	21	49	6	18	0	54	0	2	1	31	0	33	1	46	43	8	30
	retrogd'					minue		minue										
138	0	21	56	6	24	0	0	0	0	1	34	0	33	1	54	46	8	36
140	0	21	56	6	36	1	18	0	3	1	35	0	33	1	56	49	8	42
150	0	21	43	6	36	3	6	0	8	1	40	0	33	2	7	15	8	30
160	0	21	12	6	48	4	36	0	12	1	45	0	27	2	17	56	8	24
170	0	20	26	7	6	6	12	0	16	1	49	0	27	2	28	50	8	24
180	0	19	24	7	18	7	0	0	18	1	52	0	27	2	39	56	8	12
190	0	18	14	7	30	7	54	0	20	1	54	0	30	2	51	5	8	0
200	0	16	55	7	18	7	42	0	19	1	55	0	36	3	2	21	7	30
210	0	15	38	7	18	7	12	0	18	1	55	0	27	3	13	31	7	0
220	0	14	26	7	11	6	6	0	15	1	54	0	27	3	24	32	6	36
230	0	13	25	6	54	4	30	0	11	1	51	0	27	3	35	18	6	0
240	0	12	40	6	54	3	0	0	7	1	48	0	24	3	45	45	5	36
250	0	12	10	6	48	1	12	0	3	1	45	0	18	3	55	54	5	0
260	0	11	58	6	30	0	40	0	2	1	42	0	15	4	5	42	4	48

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Dies	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
261	0	11	57	6	24	0	40	0	2	1	42	0	15	4	6	40	4	36
270	0	12	3	6	12	1	24	0	6	1	38	0	15	4	15	12	4	12
280	0	12	27	6	6	4	0	0	10	1	34	0	15	1	24	19	4	0
290	0	13	7	5	48	5	42	0	14	1	26	0	15	4	33	9	3	36
300	0	14	4	5	30	7	18	0	18	1	25	0	15	4	41	42	3	24
310	0	15	17	5	24	8	24	0	21	1	22	0	12	4	49	59	3	12
320	0	16	41	5	24	9	24	0	23	1	18	0	12	4	58	4	3	24
330	0	18	15	5	6	10	24	0	26	1	15	0	12	5	6	4	3	12
340	0	19	59	5	6	11	18	0	28	1	13	0	6	5	13	52	3	30
350	0	21	52	5	6	12	0	0	30	1	11	0	6	5	21	35	3	36
360	0	23	52	5	6	12	12	0	31	1	10	0	6	5	29	11	4	0
370	2	25	54	5	0	12	36	0	31	1	8	0	6	5	36	49	4	18
380	0	28	0	5	0	12	48	0	32	1	7	0	6	5	44	27	4	36
390	0	30	8	4	48	13	3	0	33	1	6	0	6	5	52	7	4	42
398	0	31	52	4	42			0	33	1	5	0	6	5	58	17	4	54

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Dies	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
0	0	0	49	4	54	13	6	0	33	0	57	0	42	5	57	9	4	18
10	0	3	0	4	54	12	48	0	32	0	58	0	36	0	4	43	4	4
20	0	5	8	4	54	12	48	0	32	0	59	0	36	0	12	25	5	6
30	0	7	14	5	0	12	18	0	30	1	1	0	30	0	20	12	5	30
40	0	9	17	5	6	11	42	0	29	1	3	0	24	0	28	6	6	6
50	0	11	14	5	12	11	12	0	28	1	5	0	24	0	36	9	6	36
60	0	13	6	5	24	10	12	0	26	1	7	0	24	0	44	22	7	12
70	0	14	48	5	24	9	12	0	23	1	10	0	24	0	52	48	7	18
80	0	16	20	5	30	8	18	0	21	1	14	0	24	1	1	26	7	36
90	0	17	43	5	36	7	0	0	18	1	18	0	27	1	10	15	7	54
100	0	18	53	5	48	5	36	0	14	1	23	0	27	1	19	20	8	6
110	0	19	49	6	0	3	48	0	9	1	28	0	27	1	28	38	8	24
120	0	20	27	6	6	1	54	0	5	1	32	0	30	1	38	14	8	18
130	0	20	46	6	18	0	51	0	2	1	36	0	36	1	48	8	8	24

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d°			miue		miue		miue		sept.		adde		☉			adde	
137	0	20	52	6	18	0	40	0	2	1	40	0	33	1	51	10	8	18
140	0	20	50	6	24	1	18	0	3	1	42	0	30	1	58	16	8	18
150	0	20	37	6	48	3	18	0	8	1	45	0	30	2	8	40	8	24
160	0	20	4	6	54	4	54	0	12	1	49	0	30	2	19	20	8	12
170	0	19	15	7	3	6	24	0	16	1	53	0	30	2	30	14	8	0
180	0	18	11	7	3	7	12	0	18	1	56	0	30	2	41	18	7	30
190	0	16	59	7	3	7	42	0	19	1	59	0	24	2	52	25	7	18
200	0	15	42	7	3	7	42	0	19	2	1	0	24	3	3	36	6	48
210	0	14	25	6	54	7	6	0	18	2	0	0	18	3	14	41	6	18
220	0	13	14	6	51	5	48	0	15	1	58	0	12	3	25	38	5	54
230	0	12	16	6	51	4	30	0	11	1	56	0	12	3	36	18	5	36
240	0	11	31	6	42	2	54	0	7	1	52	0	12	3	46	41	5	0
250	0	11	2	6	24	0	54	0	2	1	48	0	12	3	56	45	0	42
	Directus					adde		adde										
260	0	10	53	6	18	0	48	0	2	1	44	0	12	4	6	30	4	18
270	0	11	1	6	6	2	30	0	6	1	40	0	12	4	15	54	4	0
280	0	11	26	5	48	4	18	0	11	1	36	0	12	4	24	59	3	36
290	0	12	9	5	36	6	0	0	15	1	32	0	6	4	33	45	3	30
300	0	13	9	5	36	7	24	0	18	1	28	0	6	4	42	16	3	30
310	0	14	23	5	24	8	24	0	21	1	24	0	0	4	50	31	3	24
320	0	15	47	5	12	9	42	0	24	1	20	0	0	4	58	38	3	24
												miue						
330	0	17	24	5	12	10	24	0	26	1	17	0	3	5	6	36	3	36
340	0	19	8	5	0	11	14	0	28	1	14	0	3	5	14	27	3	30
350	0	21	1	4	54	12	0	0	30	1	12	0	3	5	22	11	3	48
360	0	23	1	4	48	12	18	0	31	1	11	0	3	5	29	31	4	6
370	0	25	4	4	42	12	36	0	32	1	9	0	0	5	37	53	4	18
380	0	27	10	4	36	13	0	0	32	1	8	0	0	5	25	13	4	30
390	0	29	20	4	30	13	3	0	33	1	7	0	0	5	52	54	4	54
398	0	31	4	4	24			0	33	1	6	0	0	5	59	6	5	24

ℭ Tabula radicū Martis in annis collectis.

Anni	Supatio dī.	ho.	m̄	motus S	g̃	m̄
40	571	5	13	2	37	17
80	362	12	4	0	3	17
120	153	18	55	3	29	18
160	705	0	8	9	6	35
200	516	6	59	3	32	35
240	307	13	49	0	58	36
280	98	20	40	4	24	7
320	670	1	54	1	1	53
360	461	8	44	4	27	54
400	252	15	35	1	53	55
440	43	22	26	5	19	56
480	615	3	29	1	57	12
520	406	10	10	5	23	13
560	197	17	20	2	49	14
600	768	22	34	5	26	30
640	560	5	24	2	52	31
680	351	12	15	0	18	32
720	142	19	6	3	44	33
760	714	0	19	0	21	49
800	505	7	10	3	47	50
840	296	14	1	1	13	51
880	87	20	51	4	39	51
920	659	2	5	1	17	8
960	450	8	55	4	43	9
1000	241	15	46	2	9	10
1040	32	22	37	5	35	10
1080	604	3	50	2	12	27
1120	395	10	41	5	38	28
1160	186	17	32	3	4	28
1200	757	21	45	5	41	45
1240	549	5	36	3	7	46
1280	340	11	26	0	39	46
1320	131	19	17	3	59	47
1360	703	0	30	0	37	4
1400	494	7	21	4	3	4
1440	285	14	12	1	29	5
1480	76	21	3	4	55	6
1520	648	2	16	1	32	23
1560	429	9	7	4	58	23
1600	230	15	57	2	24	24
1640	210	22	48	5	50	25
1680	593	4	1	2	27	42
1720	384	10	52	5	53	42
1760	175	17	43	3	19	43
1800	746	22	56	5	56	5
1840	538	5	47	3	23	0
1880	329	12	37	0	49	1
1920	120	19	28	4	15	2
1960	692	0	42	0	52	18
2000	483	7	32	4	18	19

ℭ Tabule radicum ♂ in annis expansis.

Anni	Supatio dī.	ho.	m̄	motus S	g̃	m̄
1	365	0	0	0	0	0
2	730	0	0	0	0	0
3	315	1	37	0	48	44
4	681	1	37	0	48	44
5	266	3	15	1	37	29
6	631	3	15	1	37	29
7	216	4	52	2	26	13
8	582	4	52	2	26	13
9	167	6	30	3	14	57
10	532	6	30	3	14	57
11	117	8	7	4	3	41
12	483	8	7	4	3	41
13	68	9	44	4	52	26
14	433	9	44	4	52	26
15	18	11	22	5	41	10
16	384	11	22	5	41	10

Residuũ tabule radicũ ♂						
in ãnis	Supatio			motus		
expãsis	Di.	ho	m̃	S	g̃	m̃
an 17 ni	749	11	22	5	41	10
18	334	12	59	0	29	54
19	690	12	59	0	29	54
20	285	14	37	1	18	38
21	650	14	37	1	18	38
22	235	16	14	2	7	23
23	600	16	14	2	7	23
24	186	17	51	2	56	7
25	551	17	51	2	56	7
26	136	19	29	3	44	51
27	101	19	29	3	44	51
28	87	21	6	4	33	35
29	452	21	6	4	33	35
30	37	22	44	5	22	20
31	402	22	44	5	22	20
32	768	22	44	5	22	20
33	354	0	21	0	11	4
34	719	0	21	0	11	4
35	304	1	58	0	59	48
36	670	1	58	0	59	48
37	255	3	36	1	48	32
38	620	3	36	1	48	32
39	205	5	13	2	37	17
40	571	5	13	2	37	17
Radices ♂						
xpi	513	5	40	2	12	25
1400	227	14	38	1	4	14
1440	18	21	29	4	30	15

Tabella brevis

Dies	minue		mot⁹ adde		
779	22	23	0	48	44
1559	20	46	1	37	28
2339	19	9	2	26	13
3119	17	32	3	14	57

Tabula medij motus ♂									
in diebus					in horis				
Di.	S	g̃	m̃	2	ho	S	g̃	m̃	2
700	0	6	50	50	1	0	0	1	19
600	5	14	26	25	2	0	0	2	37
500	4	22	2	1	3	0	0	3	56
400	3	29	37	36	4	0	0	5	15
300	3	37	13	12	5	0	0	6	34
200	1	44	48	48	6	0	0	7	52
100	0	52	24	24	7	0	0	9	11
90	0	47	9	58	8	0	0	10	30
80	0	41	55	31	9	8	0	11	48
70	0	36	41	5	10	0	0	13	6
60	0	31	26	39	11	0	0	14	25
50	0	26	12	12	12	0	0	15	43
40	0	20	57	45	13	0	0	17	2
30	0	15	43	19	14	0	0	18	21
20	0	10	28	53	15	0	0	19	39
10	0	5	14	26	16	0	0	20	58
9	0	4	43	0	17	0	0	22	16
8	0	4	11	33	18	0	0	23	35
7	0	3	40	7	19	0	0	24	54
6	0	3	8	40	20	0	0	26	12
5	0	2	37	13	21	0	0	27	31
4	0	2	5	47	22	0	0	28	50
3	0	1	34	20	23	0	0	30	8
2	0	1	2	53	24	0	0	31	27
1	0	0	31	27	25	0	0	32	46
					26	0	0	34	5
					27	0	0	35	24
					28	0	0	36	42
					29	0	0	38	1
					30	0	0	39	20

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			mĩue		adde		adde		sept.		mĩue			☉		adde	
0	0	0	0	6	48	38	18	1	36	0	5	0	0	5	58	32	5	18
10	0	6	23	6	42	38	18	1	36	0	7	0	0	0	1	45	5	30
20	0	12	46	6	36	38	18	1	36	0	9	0	0	0	5	2	5	48
30	0	19	9	6	18	38	18	1	36	0	11	0	3	0	8	22	5	48
40	0	25	32	6	12	38	18	1	36	0	12	0	3	0	11	46	6	0
50	0	31	55	5	48	38	30	1	37	0	13	0	3	0	15	12	6	0
60	0	38	20	5	30	38	30	1	37	0	14	0	6	0	18	40	6	6
70	0	44	45	5	0	38	51	1	37	0	15	0	9	0	22	13	6	6
80	0	51	14	4	36	38	51	1	37	0	16	0	9	0	25	46	5	48
90	0	57	42	4	0	38	51	1	37	0	16	0	9	0	49	51	5	42
100	1	4	10	3	18	39	18	1	38	0	17	0	12	0	33	2	5	12
110	1	10	43	2	30	39	24	1	38	0	18	0	18	0	36	39	4	36
120	1	17	17	2	12	39	39	1	39	0	19	0	24	0	40	18	4	30
130	1	23	54	1	30	39	36	1	39	0	19	0	36	0	43	54	3	54
140	1	30	30	0	36	40	6	1	40	0	17	0	30	0	47	34	2	54
150	1	37	11	0	18	40	12	1	40	0	15	0	36	0	51	8	1	54
160	1	43	53	1	12	40	12	1	41	0	13	0	42	0	54	37	0	54
																	mĩue	
170	1	50	35	3	0	40	48	1	42	0	10	0	48	0	58	8	1	6
180	1	57	23	3	48	41	0	1	43	0	7	1	0	1	1	30	2	18
190	2	4	13	5	0	41	6	1	43	0	2	1	6	1	4	46	3	42
										meri.		adde						
200	2	11	4	5	24	41	12	1	45	0	4	1	6	1	8	7	4	30
210	2	17	56	6	18	41	30	1	43	0	10	1	24	1	11	8	5	54
220	2	24	51	7	12	40	42	1	43	0	20	1	12	1	14	8	7	6
230	2	31	38	8	24	41	12	1	43	0	29	1	30	1	17	14	8	42
240	2	38	30	10	18	10	24	1	43	0	43	1	18	1	20	10	11	0
250	2	45	14	12	24	41	24	1	43	0	58	1	12	1	23	11	13	18
260	2	52	8	13	18	40	42	1	42	1	14	1	6	1	25	59	14	42
270	2	58	55	13	4	39	48	1	40	1	29	1	12	1	28	49	15	0

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Di	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		meri.		adde		☉			minue	
280	3	5	33	13	42	38	36	1	37	1	49	1	12	1	31	47	15	30
290	3	11	59	15	54	36	12	1	31	2	11	0	36	1	34	54	17	54
300	3	18	1	18	18	35	54	1	24	2	32	0	42	1	38	25	20	24
												minue						
310	3	24	0	18	24	32	54	1	22	2	59	0	6	1	41	57	20	36
320	3	29	29	19	12	29	36	1	14	3	22	0	24	1	45	57	21	18
330	3	34	25	20	36	25	18	1	3	3	51	0	54	1	50	32	22	42
340	3	38	38	21	36	20	24	0	51	4	16	1	24	1	55	48	23	36
350	3	42	2	23	42	13	24	0	28	4	47	2	30	2	1	55	25	30
360	3	44	16	25	24	6	18	0	16	5	11	4	6	2	9	15	27	6
370	3	45	19	27	12	0	20	0	1	5	26	3	42	2	17	48	28	36
	retrog̃d⁹					minue		minue										
373	3	45	20	27	36	6	50	0	17	5	28	3	48	2	20	40	28	48
380	3	44	33	30	30	10	48	0	27	5	38	5	6	2	28	12	31	36

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrog̃d⁹			adde		minue		minue		meri.		minue		☉			minue	
390	3	42	45	32	12	17	24	0	44	5	48	5	48	2	39	40	32	54
400	3	39	51	34	42	20	0	0	50	5	34	5	18	2	52	18	34	6
410	3	36	58	33	48	15	18	0	38	5	21	5	54	3	5	26	33	48
420	3	33	58	31	24	6	18	0	16	4	24	5	42	3	17	50	30	54
430	3	32	55	25	30	2	20	0	6	3	31	5	42	3	28	49	24	24
	Directus					adde		adde										
433	3	32	48	23	54	0	40	0	2	3	19	6	12	3	31	56	23	0
440	3	32	52	21	12	8	6	0	20	2	43	5	42	3	38	51	20	0
450	3	34	13	16	42	13	6	0	33	1	58	5	12	3	47	33	15	12
460	3	36	24	15	0	19	24	0	48	1	24	4	42	3	55	29	13	12
470	3	39	38	13	36	24	54	1	2	0	51	4	18	4	2	24	11	30
480	3	43	47	10	36	26	30	1	16	0	24	3	18	4	8	27	8	30
490	3	48	12	8	12	29	18	1	18	0	6	2	42	4	14	15	5	48

Residuum ♂

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Equio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			adde		adde		adde		sept.		adde		☉			minue	
500	3	53	5	5	24	31	48	1	19	0	7	2	24	4	19	37	3	0
510	3	58	23	3	6	31	42	1	19	0	20	1	54	4	24	34	1	0
																	adde	
520	4	3	40	1	36	33	18	1	23	0	28	1	48	4	29	29	0	36
530	4	9	13	0	18	33	54	1	25	0	34	1	36	4	34	9	1	42
				minue														
540	4	14	52	1	0	34	30	1	26	0	39	1	12	4	38	42	2	42
550	4	20	37	1	30	35	6	1	28	0	43	0	54	4	43	5	2	50
560	4	26	28	2	36	35	42	1	29	0	44	0	48	4	47	19	3	42
570	4	32	25	3	30	35	42	1	30	0	43	0	36	4	51	25	4	6
580	4	38	22	4	0	36	30	1	31	0	43	0	36	4	55	25	4	18
590	4	44	27	4	54	35	54	1	30	0	42	0	30	4	59	15	4	48
600	4	50	26	5	18	36	42	1	32	0	42	0	12	5	3	6	4	48
610	4	56	33	5	48	36	30	1	31	0	39	0	12	5	6	45	5	0
620	5	2	38	5	54	37	0	1	32	0	36	0	12	5	10	24	4	42
630	5	8	48	6	30	36	54	1	32	0	33	0	6	5	13	53	5	0
												minue						
640	5	14	57	6	39	37	0	1	33	0	32	0	3	5	17	21	5	0
650	5	21	7	6	45	37	30	1	34	0	29	0	3	5	20	47	4	48
660	5	27	22	7	24	37	24	1	34	0	27	0	12	5	24	4	5	18
670	5	33	36	7	3	37	30	1	34	0	23	0	3	5	27	21	4	54
680	5	39	51	7	3	37	36	1	34	0	21	0	6	5	30	36	4	54
690	5	46	7	7	3	37	48	1	34	0	18	0	6	5	33	49	5	0
700	5	52	25	7	3	37	42	1	34	0	16	0	6	5	37	2	5	0
710	5	58	42	6	54	38	6	1	35	0	14	0	6	5	40	15	5	0
720	0	5	3	6	36	38	6	1	35	0	13	0	6	5	43	29	4	48
730	0	11	24	6	24	38	30	1	36	0	10	0	0	5	46	41	4	54
740	0	17	49	6	0	38	30	1	36	0	9	0	6	5	49	52	4	42
750	0	24	14	5	42	39	0	1	37	0	7	0	6	5	53	6	4	48
760	0	30	47	5	12	39	0	1	37	0	5	0	6	5	56	18	4	42
770	0	37	14	4	42	39	12	1	38	0	5	0	6	5	59	35	4	30
779	0	43	7	4	30			1	38	0	4	0	0	0	2	34	4	30

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			mine		adde		adde		sept.		adde		☉			adde	
0	5	58	52	6	36	38	24	1	36	0	5	0	6	5	59	25	5	24
10	0	5	6	6	18	38	24	1	37	0	7	0	0	0	2	40	5	30
20	0	11	40	6	12	38	36	1	37	0	9	0	0	0	6	0	5	42
30	0	18	6	6	0	38	24	1	36	0	10	0	0	0	9	20	5	48
												mine						
40	0	24	30	5	36	38	42	1	37	0	12	0	6	0	12	46	5	48
50	0	30	57	5	12	38	48	1	37	0	12	0	6	0	16	12	5	48
60	0	37	25	4	30	39	0	1	38	0	13	0	6	0	19	41	5	36
70	0	43	55	4	6	39	18	1	38	0	13	0	6	0	23	14	5	18
80	0	50	28	3	36	39	24	1	39	0	14	0	12	0	26	44	5	24
90	0	57	2	3	0	39	30	1	39	0	15	0	12	0	30	18	4	54
100	1	3	37	2	18	40	6	1	40	0	15	0	18	0	33	54	4	24
110	1	10	12	1	36	39	42	1	40	0	15	0	24	0	37	25	3	54
120	1	16	55	0	36	40	24	1	41	0	15	0	30	0	41	3	3	0
				adde														
130	1	23	39	0	6	40	30	1	41	0	13	0	30	0	44	34	2	12
140	1	30	24	1	12	41	0	1	42	0	12	0	42	0	48	3	1	0
150	1	37	14	2	18	41	6	1	43	0	9	0	42	0	51	27	0	12
160	1	44	5	4	36	42	0	1	45	0	6	0	48	0	54	46	2	42
170	1	51	5	4	6	41	36	1	44	0	2	0	54	0	57	57	2	36
										meri.		adde						
180	1	58	1	5	12	42	12	1	45	0	3	1	0	1	1	7	3	54
190	2	5	3	5	36	41	30	1	44	0	9	1	0	1	4	9	4	42
200	2	11	58	5	12	42	6	1	45	0	15	1	12	1	7	15	6	48
210	2	18	59	5	54	42	24	1	46	0	24	1	12	1	10	9	7	48
220	2	26	3	9	36	41	54	1	45	0	32	1	24	1	12	57	10	0
230	2	33	2	11	18	43	6	1	48	0	44	1	18	1	15	47	12	0
240	2	40	13	12	12	42	30	1	46	0	56	1	18	1	18	20	13	6
250	2	47	18	12	6	42	18	1	46	1	10	0	54	1	20	58	13	30
250	2	54	21	12	18	40	48	1	42	1	25	0	54	1	23	32	13	54
270	3	1	9	13	48	40	6	1	40	1	41	0	54	1	26	19	15	36

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		0	10															
	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		adde		☉			adde	
280	3	7	50	15	30	40	48	1	42	2	1	0	18	1	29	12	17	30
290	3	14	38	14	24	38	24	1	36	2	17	0	36	1	31	55	16	36
												miuc						
300	3	21	4	15	6	36	0	1	30	2	39	0	18	1	35	1	17	18
310	3	27	4	16	6	33	42	1	24	2	58	0	36	1	38	31	18	12
320	3	32	41	16	18	30	54	1	17	3	18	1	6	1	42	24	18	30
330	3	37	50	16	54	26	24	1	6	3	42	2	36	1	46	45	18	54
340	3	42	14	18	6	22	30	0	56	4	2	3	18	1	51	52	19	54
350	3	45	59	17	12	15	6	0	36	4	22	3	36	1	57	40	18	54
360	3	48	30	19	12	8	6	0	20	4	30	4	12	2	4	44	20	30
370	3	49	51	20	36	1	20	0	4	4	49	5	36	2	13	2	21	42
	retrog̃d⁹					miue		miue										
376	3	50	0	20	54	5	30	0	14	4	52	5	24	2	18	42	21	48
380	3	49	38	23	0	9	6	0	23	4	47	5	18	2	22	56	23	42

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		0	10															
	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		miue		miue		meri.		miue		☉			miue	
390	3	48	7	23	30	15	54	0	40	4	50	7	0	2	34	11	23	54
400	3	45	28	24	12	19	54	0	50	4	41	7	18	2	46	37	24	42
410	3	42	9	24	18	17	42	0	44	4	6	7	0	2	59	48	23	48
420	3	39	12	21	30	12	12	0	30	3	27	7	12	3	12	41	20	42
430	3	37	10	18	36	7	38	0	19	2	34	6	36	3	24	42	17	24
	Directus					adde		adde										
437	3	36	16	18	36	2	40	0	7	1	54	5	42	3	32	38	18	12
440	3	36	24	16	54	3	36	0	9	1	46	6	0	3	35	31	15	24
450	3	37	0	14	48	11	24	0	28	1	6	5	0	3	45	1	13	0
460	3	38	54	11	36	18	0	0	45	0	37	4	24	3	53	17	9	30
470	3	41	54	9	6	21	54	0	54	0	8	3	18	4	0	29	7	0
										sept.		adde						
480	3	45	33	5	48	24	6	1	0	0	9	2	54	4	7	2	3	24
490	3	49	34	4	6	26	30	1	6	0	21	2	36	4	13	17	1	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		sept.		adde			☉		minue	
500	3	53	59	2	12	29	30	1	14	0	31	2	24	4	19	7	0	0
																	adde	
510	3	58	54	0	54	30	12	1	16	0	39	2	6	4	24	24	1	18
				minue														
520	4	3	56	0	18	32	0	1	20	0	46	1	36	4	29	35	2	18
530	4	9	16	1	36	32	36	1	21	0	50	1	12	4	34	26	3	18
540	4	14	42	2	24	34	0	1	25	0	51	1	12	4	39	9	3	48
550	4	20	22	3	36	24	0	1	25	0	52	0	48	4	43	34	4	42
560	4	26	2	4	0	34	48	1	27	0	52	0	36	4	47	56	4	36
570	4	31	50	4	42	35	12	1	28	0	49	0	42	4	52	6	5	0
580	4	37	42	5	18	35	36	1	29	0	49	0	30	4	56	8	5	12
590	4	43	38	5	51	35	36	1	29	0	47	0	24	5	0	3	5	24
600	4	49	33	5	57	36	12	1	30	0	44	0	18	5	3	54	5	6
610	4	55	35	6	30	36	24	1	31	0	41	0	6	5	7	35	5	18
620	5	1	39	6	48	36	24	1	31	0	38	0	6	5	11	11	5	18
630	5	7	43	6	51	36	24	1	32	0	34	0	6	5	14	42	5	12
640	5	13	50	6	57	37	0	1	32	0	31	0	0	5	18	11	5	0
650	5	20	0	7	3	36	48	1	32	0	29	0	6	5	21	35	5	0
660	5	26	8	6	45	37	48	1	34	0	25	0	6	5	24	57	4	36
670	5	32	26	7	9	37	24	1	33	0	23	0	6	5	28	10	5	0
680	5	38	40	7	3	37	36	1	34	0	20	0	6	5	31	25	4	54
690	5	44	56	6	54	37	48	1	35	0	17	0	6	5	34	39	4	48
700	5	51	34	6	4[illegible]	37	54	1	35	0	15	0	6	5	37	52	4	48
710	5	57	33	6	24	38	24	1	36	0	13	0	6	5	41	5	4	42
720	0	3	57	8	18	38	18	1	36	0	12	0	12	5	44	17	4	48
730	0	10	20	5	42	38	47	1	37	0	10	0	6	5	47	30	4	24
740	0	16	49	5	30	38	54	1	37	0	8	0	6	5	50	39	4	36
750	0	23	17	5	0	39	30	1	38	0	6	0	6	5	53	54	4	30
760	0	29	52	4	42	39	30	1	38	0	4	0	6	5	57	5	4	30
770	0	36	27	4	6	39	30	1	39	0	4	0	0	0	0	20	4	18
779	0	42	22	3	18			1	39	0	4	0	0	0	3	12	4	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			miue		adde		adde		sept.		miue		☉			adde	
0	5	57	46	6	15	38	42	1	37	0	6	0	0	0	0	19	5	24
10	0	4	13	6	9	38	30	1	36	0	7	0	6	0	3	35	5	42
20	0	10	38	5	36	38	48	1	37	0	9	0	6	0	6	57	5	24
30	0	17	6	5	18	38	48	1	37	0	10	0	6	0	10	18	5	30
40	0	23	34	4	48	39	6	1	38	0	11	0	6	0	13	44	5	24
50	0	30	5	4	18	39	30	1	39	0	11	0	6	0	17	10	5	24
60	0	36	40	3	54	39	24	1	39	0	12	0	12	0	20	37	5	18
70	0	43	14	3	0	39	48	1	39	0	12	0	12	0	24	7	4	48
80	0	49	52	2	30	40	0	1	40	0	12	0	12	0	27	32	4	30
90	0	56	32	1	48	40	12	1	41	0	13	0	24	0	31	7	3	54
100	1	3	14	1	0	40	48	1	42	0	12	0	24	0	34	38	3	18
110	1	10	2	0	25	40	42	1	42	0	11	0	24	0	38	4	2	48
				adde														
120	1	16	49	0	36	41	6	1	43	0	10	0	30	0	41	33	1	42
130	1	23	20	1	54	41	36	1	44	0	8	0	36	0	44	56	0	18
																	miue	
140	1	30	36	3	0	42	6	1	45	0	5	0	36	0	48	13	0	54
150	1	37	37	4	0	43	24	1	48	0	2	0	42	0	51	25	3	6
										meri.		adde						
160	1	44	51	3	42	41	30	1	44	0	2	0	42	0	54	19	2	12
170	1	51	46	5	24	42	42	1	47	0	7	0	48	0	57	31	4	6
180	1	58	53	5	36	42	36	1	47	0	13	0	48	1	0	28	4	42
190	2	5	59	7	0	43	6	1	48	0	19	0	54	1	3	22	6	36
200	2	13	10	8	18	42	48	1	47	0	27	1	0	1	6	7	8	12
210	2	20	18	10	18	44	6	1	50	0	36	0	54	1	8	51	10	36
220	2	27	39	10	30	43	36	1	49	0	46	0	48	1	11	17	11	6
230	2	34	55	11	0	44	0	1	50	0	57	0	42	1	13	47	11	57
240	2	42	15	10	48	42	24	1	46	1	9	0	36	1	16	9	12	12
250	2	49	19	12	18	42	30	1	46	1	19	1	0	1	18	43	13	54
260	2	56	24	12	18	42	18	1	46	1	34	0	30	1	21	13	15	6
270	3	3	27	13	24	41	48	1	49	1	50	0	12	1	23	43	15	24

Residuū ♂

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Directus			adde		adde		adde		sept.		minue			☉		minue	
280	3	10	25	13	0	39	42	1	39	2	4	0	6	1	26	17	15	12
290	3	17	2	13	30	39	18	1	38	2	23	1	0	1	29	9	15	36
300	3	23	35	12	30	37	0	1	33	2	26	0	42	1	32	8	14	46
310	3	29	41	13	12	33	54	1	25	2	52	1	42	1	35	29	15	24
320	3	35	24	13	18	31	30	1	19	3	7	2	36	1	39	19	15	18
330	3	40	39	12	48	27	36	1	9	3	16	2	36	1	43	36	14	36
340	3	45	15	12	48	21	36	0	54	3	29	3	0	1	48	33	14	36
250	3	48	51	14	18	17	6	0	43	3	46	4	24	1	54	31	15	36
360	3	51	42	13	42	9	30	0	24	3	48	4	18	2	1	19	14	48
370	3	53	17	13	54	2	0	0	5	3	53	5	0	2	9	25	14	36
	retrogd⁹					minue		minue										
378	3	53	33	13	18	2	30	0	6	4	0	6	24	2	16	57	13	36
380	3	53	28	14	0	8	30	0	22	3	54	6	0	2	18	59	14	24

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m̄	2	m̄	2	m̄	2	g	m̄	m	2	S	g	m	m	2
es	retrogd⁹			adde		minue		minue		meri.		minue			☉		minue	
390	3	52	2	15	54	45	12	0	38	3	40	6	24	2	30	12	15	48
400	3	49	30	16	0	19	48	0	49	3	28	7	36	2	42	35	15	30
410	3	46	12	14	12	20	30	0	51	2	56	7	48	2	55	50	13	24
420	3	42	47	14	18	15	6	0	38	2	15	7	18	3	9	14	13	6
430	3	40	16	14	12	6	18	0	16	1	28	6	54	3	21	48	12	42
440	3	39	12	12	6	1	0	0	2	0	46	5	24	3	32	57	10	18
	Directus			(		adde		adde										
442	3	39	11	10	54	2	8	0	5	0	39	5	6	3	35	1	9	6
450	3	39	28	9	12	8	12	0	5	0	16	4	12	3	42	51	7	42
										sept.		adde						
460	3	40	5[illegible]	6	54	15	30	0	39	0	7	3	24	3	51	42	4	48
470	3	43	25	2	54	18	36	0	6	0	25	2	54	3	59	19	0	30
																	adde	
480	3	46	31	1	42	22	30	0	56	0	38	2	30	4	6	28	0	42
490	3	50	15	0	12	24	36	1	1	0	47	2	12	4	13	0	2	0

Residuū ♂

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	m̄	g	m̄	2	S	g	m̄	m̄	2
es	Direct'			minue		adde		adde		sept.		adde		☉			adde	
500	3	54	21	0	54	25	12	1	10	0	55	1	42	4	19	7	3	6
510	3	59	3	1	48	29	0	1	12	1	0	1	24	4	24	37	3	48
520	4	3	53	2	42	30	42	1	17	1	2	1	24	4	29	58	4	24
530	4	9	0	3	18	31	48	1	17	1	2	1	6	4	34	59	4	42
540	4	14	18	4	6	32	48	1	22	1	3	0	48	4	39	47	5	12
550	4	19	46	5	12	33	36	1	24	1	0	0	42	4	44	21	5	48
560	4	25	22	5	24	34	6	1	25	0	58	0	36	4	48	42	5	42
570	4	31	3	6	6	34	36	1	26	0	56	0	18	4	52	56	5	54
580	4	36	49	6	18	35	0	1	27	0	54	0	12	4	57	0	5	48
												minue						
590	4	42	39	6	48	35	30	1	29	0	51	0	6	5	0	57	6	0
600	4	48	34	4	12	35	36	1	29	0	47	0	6	5	4	45	6	0
610	4	54	30	7	0	36	6	1	30	0	42	0	0	5	8	28	5	30
620	5	0	31	7	6	36	18	1	31	0	39	0	6	5	12	4	5	24
630	5	6	34	7	18	36	42	1	32	0	35	0	6	5	15	35	5	24
640	5	12	41	7	21	36	48	1	32	0	31	0	0	5	19	1	5	18
650	5	18	49	7	21	37	12	1	33	0	28	0	6	5	22	25	5	12
660	5	25	1	7	24	37	18	1	33	0	24	0	6	5	25	43	5	12
670	5	31	14	7	6	37	36	1	34	0	22	0	12	5	29	0	5	0
680	5	37	30	7	6	37	42	1	34	0	19	0	12	5	32	14	5	0
690	5	43	47	6	48	38	0	1	35	0	16	0	12	5	35	57	4	54
700	5	50	7	6	24	38	12	1	35	0	14	0	12	5	39	40	4	36
710	5	56	29	6	0	38	30	1	36	0	12	0	12	5	41	52	4	24
720	0	2	54	5	36	38	54	1	37	0	10	0	6	5	45	5	4	18
730	0	9	23	5	6	39	6	1	38	0	9	0	12	5	48	14	4	12
740	0	15	54	4	42	39	18	1	38	0	7	0	6	5	51	25	4	12
750	0	22	27	4	6	39	48	1	39	0	5	0	0	5	54	39	3	54
760	0	29	5	3	30	40	6	1	40	0	4	0	6	5	57	50	3	42
770	0	35	46	3	0	40	18	1	41	6	4	0	6	0	1	3	3	36
779	0	41	49	2	42			1	41	0	4	0	6	0	4	0	3	36

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	directus			miue		adde		adde		sept.		miue		☉			adde	
0	5	56	44	5	42	38	42	1	37	0	6	0	0	0	1	13	5	12
10	0	3	11	5	18	39	6	1	38	0	8	0	6	0	4	32	5	6
20	0	9	42	5	0	39	6	1	38	0	8	0	0	0	7	51	5	18
30	0	16	13	4	36	39	18	1	38	0	5	0	0	0	11	13	5	12
40	0	22	46	3	54	39	36	1	39	0	10	0	6	0	14	38	5	0
50	0	29	22	3	24	39	54	1	40	0	10	0	12	0	18	4	4	48
60	0	36	1	2	42	40	18	1	41	0	10	0	12	0	21	30	4	18
70	0	42	44	2	12	40	18	1	41	0	10	0	18	0	24	55	4	12
80	0	49	27	1	18	40	42	1	42	0	10	0	24	0	28	23	3	30
90	0	56	14	0	30	41	0	1	42	0	9	0	24	0	31	46	2	48
				adde														
100	1	3	4	0	24	41	24	1	43	0	8	0	24	0	35	11	2	0
110	1	9	58	1	30	41	42	1	44	0	7	0	30	0	38	32	0	48
																	miue	
120	1	16	55	2	42	42	24	1	46	0	5	0	36	0	41	50	0	30
130	1	23	59	3	18	42	42	1	46	0	1	0	30	0	44	59	1	12
										meri.		adde						
140	1	31	6	4	18	43	6	1	48	0	1	0	36	0	48	4	2	24
150	0	38	17	4	36	43	6	1	48	0	5	0	36	0	51	4	3	6
160	1	45	28	5	6	43	12	1	48	0	9	0	48	0	53	57	3	48
170	1	52	40	6	24	42	54	1	47	0	15	0	48	0	56	50	5	30
180	1	59	49	8	12	44	0	1	50	0	21	0	54	0	59	41	7	48
190	2	7	9	9	12	44	24	1	51	0	28	0	54	1	2	16	9	6
200	2	14	33	9	54	44	42	1	51	0	37	0	42	1	4	45	10	18
210	2	22	0	9	54	44	24	1	51	0	45	0	42	1	7	5	10	30
220	2	29	24	10	0	44	6	1	50	0	54	0	48	1	9	26	11	6
230	2	36	45	11	0	43	48	1	49	1	4	0	36	1	11	48	12	24
240	2	44	3	12	0	43	54	1	50	1	15	0	30	1	14	7	13	36
250	2	51	22	11	54	43	30	1	49	1	29	0	0	1	16	24	13	42
260	2	58	37	11	12	42	24	1	46	1	39	0	0	1	18	42	13	12
												miue						
270	3	5	41	11	36	41	24	1	43	1	52	0	24	1	21	9	13	48

Residuū ♂

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	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elōgato			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct³			adde		adde		adde		meri.		mīue			☉		mīue	
280	3	12	35	11	6	40	12	1	40	2	3	0	36	1	23	45	13	12
290	3	19	17	11	12	38	18	1	36	2	13	0	48	1	26	33	13	18
300	3	25	40	11	0	37	42	1	34	2	29	1	42	1	29	42	13	12
310	3	31	57	9	48	34	0	1	25	2	35	1	42	1	32	55	11	48
320	3	37	37	9	54	31	0	1	18	2	41	2	6	1	36	46	11	42
330	3	42	47	9	48	27	36	1	9	2	50	3	0	1	41	10	11	30
340	3	47	23	7	30	23	6	0	58	2	59	3	42	1	46	8	8	48
350	3	51	14	7	24	16	30	0	41	3	2	4	6	1	51	55	8	30
360	3	53	59	6	36	9	42	0	24	3	5	4	48	1	58	51	7	12
370	3	55	36	7	54	1	12	0	3	3	2	5	48	2	6	59	8	18
380	3	55	48	8	30	0	0	0	0	2	54	6	12	2	16	45	8	24
	retrogd³			)		mīue		mīue										
381	3	55	48	7	48	7	27	0	19	2	48	2	48	2	17	34	7	30

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd³			adde		mīue		mīue		meri.		mīue			☉		mīue	
390	3	54	41	6	30	15	6	0	38	2	36	6	48	2	27	34	6	6
400	3	52	10	7	24	21	36	0	54	2	12	7	18	2	40	0	6	36
410	3	48	34	9	0	20	24	0	51	1	38	7	0	2	53	26	7	48
420	3	45	10	8	24	15	12	0	38	1	2	6	36	3	7	3	6	54
430	3	42	38	7	6	8	24	0	21	0	19	4	48	3	19	41	5	12
											sept.	adde						
440	3	41	14	5	24	7	0	0	17	0	8	4	0	3	31	14	3	18
	Directus					adde		adde										
442	3	41	0	4	42	0	45	0	2	0	12	3	48	3	33	30	3	48
450	3	41	6	2	30	5	18	0	13	0	26	3	42	3	41	34	0	24
																	adde	
460	3	41	59	1	36	11	30	0	29	0	41	3	30	3	50	54	0	48
470	3	43	54	0	42	17	24	0	43	0	54	3	6	3	59	14	1	42
				mīue														
480	3	46	48	1	12	20	54	0	52	1	3	2	36	4	6	35	3	24
490	3	50	17	1	54	23	30	0	59	1	9	2	6	4	13	20	4	6

Renduū ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Equio		Elogatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			minue		adde		adde		sept.		adde		☉			adde	
500	3	54	12	2	24	57	18	1	8	1	12	1	36	4	19	38	4	24
510	3	58	45	3	54	28	6	1	10	1	14	1	24	4	25	15	5	36
520	4	3	26	4	24	30	6	1	16	1	16	0	48	4	30	42	6	0
530	4	8	27	5	36	31	0	1	17	1	13	0	42	4	35	46	6	42
540	4	13	37	6	12	31	42	1	19	1	11	0	24	4	40	39	6	48
550	4	18	54	5	54	33	24	1	23	1	7	0	30	4	45	18	6	12
560	4	24	28	7	0	33	24	1	24	1	4	0	6	4	49	39	6	48
570	4	30	2	6	54	34	24	1	26	0	59	0	12	4	53	55	6	24
												minue						
580	4	35	46	7	12	34	20	1	26	0	56	0	6	4	57	58	6	24
590	4	41	31	7	12	35	36	1	28	0	50	0	0	5	1	37	6	0
600	4	47	22	7	12	35	48	1	29	0	46	0	0	5	5	45	5	42
610	4	53	20	7	30	36	0	1	30	0	42	0	6	5	9	23	5	48
620	4	59	20	7	36	36	6	1	30	0	38	0	12	5	12	58	5	42
630	5	5	21	7	30	36	36	1	31	0	34	0	12	5	16	29	5	24
640	5	11	27	7	30	36	54	1	32	0	31	0	12	5	19	54	5	24
650	5	17	36	7	12	37	6	1	33	0	27	0	18	5	23	17	5	0
660	5	23	47	6	48	37	36	1	34	0	23	0	12	5	26	35	4	42
670	5	30	3	6	48	37	36	1	34	0	20	0	12	5	29	50	4	42
680	5	36	19	6	24	38	0	1	35	0	17	0	6	5	33	4	4	30
490	5	42	39	6	12	38	24	1	36	0	14	0	12	5	36	16	4	24
700	5	49	3	5	48	38	36	1	37	0	12	0	6	5	39	26	4	18
710	5	55	29	5	18	38	54	1	38	0	10	0	6	5	42	36	4	6
720	0	1	58	4	54	39	24	1	39	0	9	0	12	5	45	48	4	0
730	0	7	32	4	36	36	30	1	39	0	7	0	6	5	48	29	4	6
740	0	15	7	4	0	39	54	1	40	0	6	0	12	5	52	7	3	48
750	0	21	46	3	18	40	24	1	41	0	5	0	12	5	55	18	3	30
760	0	28	30	2	36	40	36	1	42	0	3	0	6	5	58	27	3	12
490	0	35	16	2	0	40	42	1	42	0	3	0	6	0	1	39	3	6
779	0	41	22	1	18			1	42	0	3	0	6	0	4	36	3	48

♂

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			mīue		adde		adde		sept.		mīue		☉			adde	
0	5	55	47	5	6	39	6	1	38	0	6	0	0	0	2	5	4	54
10	0	2	18	4	42	39	24	1	38	0	7	0	6	0	5	23	5	0
20	0	8	52	4	18	39	30	1	39	0	8	0	6	0	8	44	4	54
30	0	15	27	3	30	40	0	1	40	0	9	0	12	0	12	5	4	36
40	0	22	7	2	48	40	6	1	40	0	9	0	12	0	15	28	4	12
50	0	28	48	2	6	40	36	1	41	0	8	0	12	0	18	52	3	42
60	0	35	34	1	30	40	48	1	42	0	8	0	12	0	22	13	3	30
70	0	42	22	0	48	41	12	1	43	0	7	0	12	0	25	37	3	0
				adde														
80	0	49	14	0	12	41	30	1	44	0	6	0	16	0	28	58	2	0
90	0	56	9	1	6	41	54	1	45	0	5	0	18	0	32	14	1	18
100	1	3	8	2	6	42	30	1	46	0	4	0	24	0	35	31	0	12
																	mīue	
110	1	10	13	3	6	42	54	1	47	0	2	0	30	0	38	40	0	54
										meri.		adde						
120	1	17	22	3	36	43	0	1	48	0	1	0	24	0	41	45	1	30
130	1	24	32	4	36	43	42	1	49	0	3	0	36	0	44	47	2	42
140	1	31	49	4	36	43	24	1	49	0	5	0	36	0	47	40	3	6
150	1	39	3	5	54	43	36	1	49	0	11	0	42	0	50	33	4	42
160	1	46	19	7	12	44	30	1	51	0	17	0	42	0	53	19	6	18
170	1	53	44	8	12	44	42	1	52	0	23	0	42	0	55	55	7	48
180	2	1	11	8	48	45	0	1	53	0	20	0	36	0	58	23	8	42
190	2	8	41	9	0	45	6	1	53	0	37	0	30	1	0	45	9	24
200	2	16	11	9	6	44	42	1	52	0	44	0	36	1	3	2	9	42
210	2	23	39	10	0	44	30	1	52	0	52	0	36	1	5	20	11	6
220	2	31	4	11	12	45	6	1	53	1	2	0	18	1	7	35	12	36
230	2	38	35	10	48	45	48	1	52	1	10	0	12	1	9	44	12	24
240	2	46	3	10	6	43	48	1	50	1	20	0	0	1	11	51	11	54
												mīue						
250	2	53	21	10	30	42	48	1	47	1	29	0	18	1	14	7	12	30
260	3	0	29	10	30	42	48	1	47	1	39	0	30	1	16	30	12	42
270	3	7	37	9	54	40	54	1	42	1	48	0	54	1	18	51	12	0

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		⊙			minue	
280	3	14	26	10	18	40	18	1	41	1	57	1	24	1	21	32	12	24
290	3	21	9	8	42	38	6	1	35	2	5	1	42	1	24	20	10	54
300	3	27	30	8	0	36	30	1	31	2	12	1	54	1	27	30	10	0
310	3	33	35	7	12	34	6	1	25	2	18	1	24	1	30	57	9	0
320	3	33	16	6	12	30	54	1	17	2	20	2	30	1	34	49	7	54
330	3	39	25	5	30	25	18	1	3	2	20	2	48	1	39	15	6	48
340	3	48	38	5	12	23	0	0	47	2	22	3	18	1	44	40	6	18
350	3	52	28	4	54	15	42	0	39	2	21	4	6	1	50	30	4	30
360	3	55	5	3	0	11	0	0	28	2	17	5	0	1	57	39	4	1
370	3	56	55	1	54	1	48	0	4	2	4	5	24	2	5	36	1	48
	retrog̃d⁹					minue		minue										
380	3	57	13	1	48	8	42	0	22	1	52	5	30	2	15	11	1	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue		minue		meri.		minue		⊙			minue	
390	3	55	46	1	54	14	22	0	35	1	28	6	30	2	26	33	1	6
400	3	53	24	1	36	20	0	0	50	0	59	6	18	2	38	54	0	24
410	3	50	4	1	42	21	0	0	52	0	28	5	24	2	52	18	0	12
										sept.		adde						
420	3	46	34	2	6	16	30	0	41	0	4	4	18	3	5	54	0	12
																	adde	
430	3	43	49	0	36	10	6	0	25	0	29	4	12	3	18	49	1	30
440	3	42	8	1	6	4	40	0	12	0	48	4	0	3	30	41	3	12
448	3	41	31	1	24	0	0	0	0	0	58	3	36	3	39	28	3	42
	directus					adde		adde										
450	3	41	31	1	54	4	24	0	11	1	3	3	18	3	41	30	4	18
460	3	42	15	3	12	10	36	0	27	1	16	2	30	3	51	2	5	36
470	3	44	1	3	30	15	30	0	39	1	25	2	18	3	59	31	5	42
480	3	46	36	3	54	20	12	0	51	1	29	2	0	4	7	9	6	6
490	3	49	58	5	0	23	0	0	58	1	30	1	24	4	14	1	7	0

Residuū ♂

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Di	Locus			Eq̄tio		ad di.		ad ho		Lati.		Eq̄tio		Elógató			Eq̄tio	
es	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
	Direct'			ad 'e		adde		adde		sept.		adde		☉			adde	
500	3	53	48	5	18	25	48	1	4	1	28	1	12	4	20	22	6	4
510	3	58	6	6	12	27	24	1	6	1	18	0	54	4	26	11	7	36
520	4	2	40	6	36	29	6	1	13	1	24	0	42	4	31	42	7	42
530	4	7	31	6	54	30	24	1	16	1	20	0	30	4	36	43	7	30
540	4	12	35	7	0	32	0	1	20	1	15	0	24	4	41	47	7	18
550	4	17	55	7	24	32	18	1	21	1	12	0	6	4	46	21	7	12
560	4	23	18	7	20	33	30	1	23	1	5	0	6	4	50	47	7	0
570	4	28	53	7	36	34	6	1	25	1	1	0	0	4	54	59	6	48
												minue						
580	4	34	34	7	36	37	30	1	26	0	55	0	0	4	59	2	6	24
590	4	40	19	7	48	35	6	1	28	0	50	0	0	5	2	57	6	18
600	4	46	10	7	54	35	30	1	29	0	46	0	12	5	6	42	6	12
610	4	52	5	7	54	35	54	1	30	0	41	0	6	5	10	21	6	6
620	4	58	4	7	36	36	12	1	31	0	36	0	12	5	13	55	5	30
630	5	4	6	7	24	36	36	1	32	0	32	0	6	5	17	23	5	18
640	5	10	12	7	12	37	12	1	33	0	29	0	18	5	20	48	5	0
650	5	16	24	7	0	37	30	1	34	0	24	0	6	5	24	7	4	54
660	5	22	39	6	54	37	36	1	34	0	21	0	12	5	27	22	4	48
670	5	28	55	6	24	38	0	1	35	0	18	0	12	5	30	37	4	30
680	5	35	15	6	0	38	12	1	36	0	16	0	18	5	33	49	4	12
690	5	41	37	5	30	38	48	1	37	0	12	0	6	5	37	0	4	0
700	5	48	5	5	6	39	6	1	38	0	11	0	12	5	40	0	3	54
710	5	54	31	4	42	39	18	1	38	0	9	0	6	5	43	17	3	54
720	0	1	9	4	0	39	42	1	39	0	7	0	6	5	46	28	3	30
730	0	7	46	3	24	40	6	1	40	0	6	0	6	5	49	37	3	12
740	0	14	27	2	48	40	36	1	42	0	4	0	6	5	52	45	3	0
750	0	21	13	2	12	41	6	1	43	0	3	0	6	5	55	53	2	48
760	0	28	4	1	39	41	12	1	43	0	2	0	6	5	58	59	2	42
770	0	34	56	0	30	41	30	1	44	0	2	0	6	0	2	10	1	54
779	0	41	9	0	24			1	44	0	2	0	6	0	5	4	1	12

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elõgatio			Equo	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
0	5	54	56	4	18	39	30	1	39	0	6	0	6	0	2	54	4	36
10	0	1	31	3	42	39	48	1	40	0	6	0	0	0	6	13	4	18
20	0	8	9	2	54	40	18	1	41	0	7	0	6	0	9	33	4	0
30	0	14	52	2	24	40	42	1	42	0	7	0	12	0	12	51	3	48
40	0	21	39	1	48	40	48	1	42	0	7	0	12	0	16	10	3	24
50	0	28	27	0	30	41	12	1	43	0	6	0	12	0	19	29	3	0
60	0	35	19	0	6	41	30	1	44	0	6	0	18	0	22	48	2	18
				adde														
70	0	42	14	9	54	42	12	1	45	0	5	0	18	0	26	7	1	18
80	0	49	16	1	42	42	24	1	46	0	3	0	18	0	29	18	0	42
																	minue	
90	0	56	20	2	30	42	54	1	47	0	2	0	24	0	32	27	0	12
										meri.		adde						
100	1	3	29	3	30	43	30	1	49	0	0	0	24	0	35	33	1	18
110	1	10	44	3	48	43	24	1	49	0	3	0	18	0	38	31	1	42
120	1	17	58	4	12	44	0	1	50	0	5	0	30	0	42	30	2	18
130	1	25	18	5	12	43	42	1	49	0	9	0	30	0	44	20	3	42
140	1	32	35	6	30	44	42	1	52	0	13	0	30	0	47	9	5	18
150	1	40	2	7	30	44	54	1	52	0	15	0	30	0	49	46	6	42
160	1	47	31	8	30	45	30	1	54	0	24	0	30	0	42	16	8	6
170	1	55	6	8	30	45	18	1	53	0	30	0	24	0	54	37	8	24
180	2	2	39	8	54	45	12	1	53	0	36	0	24	0	56	56	9	18
190	2	10	11	9	30	45	12	1	53	0	42	0	30	0	59	11	10	6
200	2	17	43	10	12	45	36	1	54	0	50	0	18	1	1	25	11	18
210	2	25	19	10	12	45	42	1	54	0	58	0	6	1	3	29	11	36
220	2	32	56	9	30	44	42	1	52	1	5	0	0	1	5	29	11	6
														minue				
230	2	40	23	9	42	43	6	1	50	1	12	0	12	1	7	40	11	30
240	2	47	44	9	42	44	12	1	51	1	20	0	36	1	9	52	11	42
250	2	55	6	9	6	42	48	1	47	1	26	0	30	1	12	2	11	18
260	3	2	14	9	6	42	12	1	46	1	34	1	12	1	14	22	11	12
270	3	9	16	7	48	41	18	1	45	1	39	1	12	1	16	51	9	54

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
280	3	16	9	6	36	38	42	1	37	1	43	1	18	1	19	29	8	48
290	3	22	36	6	42	37	24	1	34	1	48	1	48	1	22	31	8	42
300	3	28	50	5	24	35	42	1	29	1	53	2	18	1	25	50	7	12
310	3	34	47	4	54	33	6	1	23	1	54	2	30	1	29	27	6	6
320	3	40	18	3	0	30	12	1	15	1	55	2	54	1	33	30	4	18
330	3	45	20	1	54	25	0	1	3	1	52	3	30	1	38	7	3	0
340	3	49	30	2	30	21	42	0	54	1	49	3	54	1	43	37	3	6
350	3	53	7	0	48	15	48	0	40	1	40	4	18	1	49	45	1	12
				minue													adde	
360	3	55	45	0	6	8	54	0	22	1	27	4	42	1	56	55	0	12
370	3	57	14	0	12	1	54	0	6	1	10	4	42	2	5	18	1	6
	retrog̃d⁹					minue		minue										
379	3	57	31	2	18	0	0	0	0	0	57	5	30	2	13	57	3	6
380	3	57	31	2	24	8	36	0	21	0	12	5	12	2	14	57	3	12

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue		minue		meri.		minue		☉			adde	
390	3	56	5	3	6	14	30	0	36	0	23	4	42	2	26	22	4	18
										sept.		adde						
400	3	53	40	3	12	19	54	0	50	0	4	4	12	2	38	50	4	42
410	3	50	21	3	30	20	36	0	51	0	26	4	18	2	52	16	5	24
420	3	46	55	5	12	18	0	0	45	0	47	4	8	3	5	52	7	18
430	3	43	55	5	42	11	48	0	29	1	1	3	42	[illegible]	9	4	7	54
440	3	41	57	6	0	5	0	0	13	1	28	3	6	3	31	13	8	24
	Directus					adde		adde										
449	3	41	12	5	30	0	0	0	0	1	34	3	12	3	41	11	7	54
450	3	41	12	5	24	3	6	0	8	1	36	3	6	3	42	13	7	48
460	3	41	43	5	6	10	18	0	26	1	41	2	30	3	51	58	7	18
470	3	43	26	5	54	15	6	0	38	1	48	1	48	4	0	28	8	6
480	3	45	57	6	24	19	6	0	48	1	49	1	12	4	8	10	8	24
490	3	49	8	7	6	12	42	0	57	1	44	1	12	4	15	11	8	42

Residuum ♂

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	Locus			Eq̄tio		ad Di.		ad ho		Lati.		Eq̄tio		Elõgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			mīue		adde		adde		sept.		adde		⊙			adde	
500	3	52	55	7	24	24	54	1	2	1	40	1	6	4	21	31	8	48
510	3	57	4	7	36	27	0	1	7	1	37	0	30	4	27	27	8	42
520	4	1	34	7	36	28	48	1	12	1	31	0	24	4	32	59	8	12
530	4	6	22	7	36	30	18	1	16	1	25	0	12	4	38	8	7	54
540	4	11	25	8	0	31	36	1	19	1	19	0	6	4	43	0	7	48
550	4	16	41	8	6	32	12	1	20	1	13	0	0	4	47	33	7	36
560	4	22	3	7	48	33	24	1	23	1	6	0	6	4	51	57	7	0
												mīue						
570	4	27	37	8	6	34	6	1	25	1	1	0	6	4	56	7	6	54
580	4	33	18	8	12	34	18	1	26	0	55	0	6	5	0	6	6	42
590	4	39	1	8	36	35	0	1	27	0	50	0	12	5	4	0	6	24
600	4	44	51	7	48	35	30	1	29	0	44	0	12	5	7	44	5	54
610	4	50	46	7	36	36	12	1	30	0	40	0	18	5	11	21	5	30
620	4	56	48	7	30	36	24	1	31	0	34	0	12	5	14	50	5	24
630	5	2	52	7	12	36	48	1	32	0	31	0	18	5	18	16	5	0
640	5	9	0	6	48	37	24	1	33	0	26	0	12	5	21	38	4	42
650	5	15	14	6	36	37	36	1	34	0	23	0	18	5	24	56	4	30
660	5	21	30	6	6	38	6	1	35	0	19	0	18	5	28	10	4	12
670	5	27	51	5	42	18	24	1	36	0	16	0	18	5	31	22	3	54
680	5	34	15	5	24	38	42	1	37	0	13	0	12	5	34	31	3	54
690	5	40	42	4	54	39	12	1	38	0	11	0	12	5	37	40	3	42
700	5	47	14	4	24	39	30	1	39	0	9	0	6	5	40	48	3	36
710	5	53	49	3	42	40	0	1	40	0	8	0	12	5	43	56	3	12
720	0	0	29	3	6	40	18	1	41	0	6	0	12	5	47	3	2	54
730	0	7	12	2	30	40	42	1	42	0	5	0	12	5	50	9	2	42
740	0	13	56	1	54	41	12	1	43	0	3	0	9	5	53	15	2	30
750	0	20	51	1	0	41	42	1	44	0	2	0	6	5	56	21	2	6
760	0	27	48	0	0	42	18	1	46	0	1	0	6	5	59	26	51	24
				adde														
770	0	34	51	0	36	42	30	1	46	0	1	0	6	0	2	29	1	0
779	0	41	13	1	12			1	46	0	1	0	6	0	5	16	0	30

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			mīue		adde		adde		sept.		mīue		☉			adde	
0	5	54	13	3	18	40	6	1	40	0	5	0	6	0	3	40	3	54
10	0	0	54	2	36	40	36	1	41	0	6	0	12	0	6	56	3	42
20	0	7	40	1	54	40	48	1	42	0	6	0	12	0	10	13	3	18
30	0	14	28	1	18	41	18	1	43	0	5	0	12	0	13	39	2	54
40	0	21	21	0	27	41	36	1	44	0	5	0	18	0	16	44	2	24
50	0	28	17	0	27	42	6	1	45	0	4	0	18	0	19	59	1	42
				adde														
60	0	35	18	1	18	42	30	1	46	0	3	0	18	0	23	11	0	54
70	0	42	23	2	6	43	0	1	47	0	2	0	18	0	26	20	0	18
										meri.		adde					mīue	
80	0	49	33	2	54	43	12	1	48	0	0	0	18	0	29	25	0	30
90	0	56	45	3	48	43	54	1	49	0	2	0	18	0	32	25	1	36
100	1	4	4	3	42	43	48	1	49	0	4	0	18	0	35	20	1	36
110	1	11	22	4	54	43	48	1	50	0	6	0	24	0	38	14	3	0
120	1	18	40	6	12	45	0	1	52	0	10	0	24	0	41	7	4	42
130	1	26	10	7	6	45	0	1	53	0	14	0	24	0	43	43	5	54
140	1	33	40	7	48	45	42	1	54	0	18	0	24	0	46	16	7	0
150	1	41	17	8	18	45	54	1	55	0	23	0	24	0	48	39	7	54
160	1	48	56	7	54	45	30	1	54	0	29	0	12	0	50	55	7	48
170	1	56	31	8	54	45	42	1	54	0	34	0	18	0	53	13	9	18
180	2	4	8	9	30	45	48	1	54	0	40	0	18	0	55	23	10	6
190	2	11	46	9	24	45	54	1	55	0	47	0	6	0	57	30	10	30
200	2	19	25	9	18	45	36	1	54	0	53	0	0	0	59	32	10	42
												mīue						
210	2	27	1	9	24	45	0	1	53	0	59	0	12	1	1	33	11	0
220	2	34	31	9	18	44	54	1	52	1	5	0	18	1	3	28	11	6
230	2	42	0	8	48	44	6	1	50	1	10	0	24	1	5	45	10	48
240	2	49	21	8	42	43	36	1	49	1	14	0	48	1	7	55	10	54
250	2	56	37	7	12	42	48	1	47	1	21	1	6	1	10	9	9	18
260	3	3	45	6	18	40	54	1	42	1	22	1	6	1	12	31	8	24
270	3	10	34	6	42	40	6	1	40	1	27	1	30	1	15	12	8	54

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		minue			☉		minue	
280	3	17	15	5	18	38	48	1	37	1	30	1	48	1	18	1	7	18
290	3	23	43	4	24	36	6	1	30	1	30	1	48	1	21	4	6	12
300	3	29	44	3	24	34	42	1	26	1	30	2	12	1	24	38	5	6
310	3	35	31	2	12	31	42	1	19	1	29	2	42	1	28	26	3	30
320	3	40	48	1	24	29	6	1	8	1	26	3	0	1	32	47	2	30
330	3	45	39	0	12	25	36	1	4	1	17	-3	12	1	37	37	0	48
				minue													adde	
340	3	49	55	1	0	20	0	0	50	1	10	3	36	1	43	6	0	36
350	3	53	15	2	42	14	54	0	37	0	57	4	0	1	49	33	2	48
360	3	55	44	3	48	8	48	0	22	0	40	4	0	1	56	57	4	12
370	3	57	7	5	42	0	0	0	0	0	23	4	0	2	5	29	6	30
	retrog̃d⁹					minue		minue										
379	3	57	8	4	42	1	0	0	2	0	2	4	0	2	14	28	7	30
380	3	57	7	7	0	9	18	0	23	0	0	4	6	2	[illegible]	29	8	[illegible]

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue		minue		sept.		adde.			☉		adde	
390	3	55	34	6	36	14	36	0	36	0	24	4	0	2	27	5	8	6
400	3	53	8	8	42	20	12	0	51	0	46	4	18	2	39	37	10	36
410	3	49	46	9	36	22	18	0	56	1	9	4	24	2	53	10	11	42
420	3	46	3	9	36	18	30	0	46	1	30	3	48	3	7	5	11	48
430	3	42	58	9	18	12	6	0	30	1	48	3	[illegible]	3	20	23	11	36
440	3	40	57	8	24	6	50	0	17	1	59	2	30	3	32	37	10	48
	Directus					adde		adde										
446	3	40	16	9	0	0	30	0	1	2	4	2	24	3	39	27	10	36
450	3	40	18	9	0	3	24	0	8	2	7	1	18	3	43	31	11	12
460	3	40	52	9	18	9	30	0	24	2	6	1	48	3	53	11	11	30
470	3	42	27	8	36	14	36	0	36	2	6	1	24	4	1	49	10	36
480	3	44	53	9	0	18	24	0	46	2	1	1	18	4	9	34	10	36
490	3	47	57	8	54	22	24	0	56	1	56	1	54	4	16	38	10	18

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	m̄	g̃	m̄	2	S	g̃	m̄	m̄	2
es	Direct'			miue		adde		adde		sept.		adde		☉			adde	
500	3	51	41	8	48	24	42	1	2	1	51	0	24	4	22	59	9	54
510	3	55	48	9	0	27	0	1	8	1	42	0	30	4	28	54	9	36
520	4	0	18	8	48	28	48	1	12	1	35	0	12	4	34	21	9	6
530	4	5	6	8	48	29	54	1	15	1	27	0	12	4	37	27	8	36
540	4	10	5	8	33	31	30	1	19	1	20	0	0	4	44	18	8	0
												miue						
550	4	15	20	8	33	32	30	1	21	1	13	0	12	4	48	49	7	48
560	4	20	45	8	33	33	6	1	23	1	7	0	18	4	53	7	7	24
570	4	26	16	8	30	34	0	1	25	1	0	0	18	4	57	16	7	0
580	4	31	56	8	18	34	24	1	26	0	54	0	18	5	1	13	6	36
590	4	37	40	8	6	35	18	1	28	0	48	0	24	5	5	4	6	12
600	4	43	33	7	54	35	42	1	29	0	41	0	12	5	8	43	5	48
610	4	49	30	7	30	36	18	1	31	0	37	0	24	5	12	16	5	24
620	4	55	33	7	24	36	42	1	32	0	32	0	18	5	15	44	5	12
630	5	1	40	6	54	37	12	1	33	0	28	0	18	5	19	6	4	48
640	5	7	52	6	30	37	36	1	34	0	24	0	24	5	22	25	4	24
650	5	14	8	5	48	38	6	1	35	0	20	0	18	5	25	41	3	54
660	5	20	29	5	36	38	30	1	36	0	16	0	12	5	28	52	3	48
670	5	26	54	5	18	38	42	1	37	0	13	0	12	5	32	1	3	48
680	5	33	21	4	36	39	12	1	38	0	11	0	12	5	35	10	3	24
690	5	39	53	3	54	39	42	1	39	0	9	0	12	5	38	17	3	6
700	5	46	30	3	18	40	12	1	40	0	8	0	18	5	41	24	2	48
710	5	53	12	2	48	30	36	1	41	0	6	0	12	5	44	28	2	30
720	5	59	58	2	3	40	54	1	42	0	4	0	6	5	47	32	2	18
730	0	6	47	1	18	41	18	1	43	0	3	0	12	5	50	36	1	54
740	0	13	40	0	18	42	6	1	45	0	2	0	6	5	53	40	1	24
				miue														
750	0	20	41	0	30	42	42	1	47	0	1	0	6	5	56	42	0	54
760	0	27	48	1	6	42	54	1	47	0	0	0	0	5	59	40	0	30
										meri.		adde						
770	0	34	57	1	54	43	6	1	48	0	0	0	6	0	2	39	0	6
779	0	41	25	2	30			1	48	0	0	0	6	0	5	21	0	0

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Directus			mīue		adde		adde		sept.		mīue			☉		adde	
0	5	53	40	2	12	40	48	1	42	0	4	0	6	0	4	19	3	18
10	0	0	28	1	36	41	18	1	43	0	4	0	6	0	7	33	3	0
20	0	7	21	0	54	41	24	1	43	0	4	0	12	0	10	46	2	36
				adde														
30	0	14	15	0	12	42	12	1	45	0	3	0	12	0	13	58	1	48
40	0	21	17	0	54	42	30	1	46	0	2	0	12	0	17	8	1	18
50	0	28	22	1	54	42	54	1	47	0	1	0	12	0	20	16	0	30
										meri.		adde					mīue	
60	0	35	31	2	42	43	18	1	48	0	0	0	12	0	23	20	0	18
70	0	42	44	3	18	43	48	1	49	0	1	0	12	0	26	23	0	54
80	0	50	2	3	48	44	6	1	50	0	3	0	12	0	29	20	1	42
90	0	57	23	4	12	43	48	1	50	0	5	0	12	0	32	9	2	6
100	1	4	41	5	36	45	0	1	52	0	7	0	18	0	35	4	3	42
110	1	12	11	6	30	45	6	1	53	0	10	0	18	0	37	44	5	0
120	1	19	42	7	18	45	54	1	54	0	14	0	18	0	40	20	6	6
130	1	27	21	7	42	45	42	1	54	0	18	0	12	0	42	44	6	54
140	1	34	58	8	0	46	12	1	55	0	22	0	18	0	45	6	7	36
150	1	42	40	8	18	45	30	1	54	0	27	0	12	0	47	20	8	12
160	1	50	15	9	18	46	30	1	56	0	31	0	12	0	49	37	9	42
170	1	58	0	9	6	46	18	1	56	0	37	0	6	0	51	40	9	42
												mīue						
180	2	5	43	8	54	45	42	1	54	0	42	0	6	0	53	42	10	0
190	2	13	20	9	24	45	48	1	54	0	48	0	12	5	55	45	10	48
200	2	20	58	8	54	45	42	1	54	0	55	0	18	0	57	45	10	30
210	2	28	35	8	30	44	54	1	52	0	57	0	12	0	59	43	10	18
220	2	36	4	8	12	44	24	1	51	1	2	0	36	1	14	7	10	12
230	2	43	28	7	18	44	0	1	50	1	6	0	48	1	3	57	9	30
240	2	50	48	6	24	42	6	1	45	1	6	0	42	1	6	6	8	30
250	2	57	49	6	30	41	54	1	44	1	10	1	6	1	8	35	8	36
260	3	4	48	5	0	41	18	14	37	1	11	1	12	1	11	7	7	12
270	3	11	41	3	36	38	42	1	37	1	12	1	30	1	13	43	5	36

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			adde		adde		adde		meri.		minue		⊙			minue	
280	3	18	28	2	48	37	54	1	35	1	12	1	42	1	16	48	4	36
290	3	24	27	1	24	35	6	1	28	1	12	2	12	1	20	2	3	0
300	3	30	18	1	0	33	30	1	24	1	8	2	18	1	23	47	2	18
310	3	35	53	0	12	30	54	1	17	1	2	2	24	1	27	51	1	18
				minue													adde	
320	3	41	2	1	6	27	54	1	10	0	56	2	54	1	32	22	0	30
330	3	45	41	1	42	24	24	1	1	0	55	2	54	1	37	29	1	18
340	3	49	45	3	54	18	18	0	46	0	34	3	24	1	43	12	4	0
350	3	52	48	5	42	13	48	0	34	0	17	3	12	1	50	1	6	6
										sept.		adde						
360	3	55	6	7	0	6	24	0	16	0	0	3	12	1	57	39	7	54
370	3	56	10	7	18	0	28	0	2	0	17	3	24	2	6	36	8	30
	retrog̃dꝰ					minue		minue										
378	3	56	15	9	48	9	0	0	22	0	33	3	48	2	14	32	11	30
380	3	55	57	9	48	8	54	0	22	0	41	3	24	2	16	51	10	48

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃dꝰ			minue		minue		minue		sept.		adde		⊙			adde	
390	3	54	28	11	30	16	42	0	47	1	5	3	36	2	28	26	13	24
400	3	51	41	12	24	21	6	0	53	1	29	3	48	2	41	23	14	30
410	3	48	10	13	12	22	18	0	56	1	42	3	24	2	55	7	15	24
420	3	44	27	13	42	18	12	0	45	2	8	3	0	3	9	3	16	0
430	3	41	25	13	6	11	12	0	28	2	20	2	42	3	22	19	15	30
440	3	39	33	13	0	6	26	0	16	2	24	2	30	3	34	25	15	12
	Directus					adde		adde										
447	3	38	48	11	48	0	0	0	0	2	28	2	18	3	42	19	14	0
450	3	38	48	11	48	3	6	0	8	2	30	1	30	3	45	23	14	0
460	3	39	19	11	0	10	12	0	25	2	24	1	42	3	55	6	13	0
470	3	41	1	11	0	14	12	0	36	2	20	1	12	4	3	35	12	36
480	3	43	23	10	30	18	30	0	45	2	14	0	24	4	11	20	11	54
490	3	46	28	10	6	22	30	0	56	2	5	0	12	4	18	21	11	12

Residuū ♂

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		adde		☉			adde	
500	3	50	13	10	0	24	30	1	1	1	55	0	12	4	24	38	10	36
510	3	54	18	9	18	27	12	1	8	1	46	0	6	4	30	30	9	36
												minue						
520	3	58	50	9	6	28	48	1	12	1	37	0	6	4	35	52	8	54
530	4	3	38	9	18	30	12	1	16	1	29	2	18	4	40	53	8	48
540	4	8	40	9	6	31	24	1	19	1	20	0	18	4	45	38	8	18
550	4	13	54	9	6	32	30	1	21	1	11	0	12	4	50	7	7	54
560	4	19	19	8	42	33	12	1	23	1	4	0	18	4	54	22	7	12
570	4	24	51	8	18	34	12	1	25	0	57	0	18	4	58	26	6	30
580	4	30	33	8	24	34	36	1	27	0	51	0	24	5	2	19	6	30
590	4	36	14	7	42	35	30	1	29	0	44	0	18	5	6	6	5	36
600	4	42	14	7	30	36	6	1	30	0	39	0	24	5	9	41	5	34
610	4	48	15	7	12	36	24	1	31	0	33	0	12	5	13	10	5	0
620	4	54	19	6	30	37	12	1	33	0	29	0	18	5	16	36	4	30
630	5	0	31	6	12	37	36	1	34	0	25	0	30	5	19	54	4	6
640	5	6	47	5	42	38	18	1	36	0	20	0	18	5	23	9	3	48
650	5	13	10	5	30	38	18	1	36	0	17	0	18	5	26	20	3	42
660	5	19	33	4	54	38	48	1	37	0	14	0	18	5	29	30	3	24
670	5	26	1	4	6	39	24	1	38	0	11	0	12	5	32	39	2	54
680	5	32	35	3	30	39	54	1	39	0	9	0	18	5	35	44	2	42
690	5	39	14	3	0	40	18	1	41	0	7	0	18	5	38	48	2	30
700	5	45	57	2	30	40	48	1	42	0	5	0	12	5	41	52	2	18
710	5	52	45	1	36	41	12	1	43	0	4	0	12	5	44	53	1	54
720	5	59	37	0	36	41	42	1	44	0	3	0	12	5	47	55	1	12
				adde														
730	0	6	24	0	6	42	18	1	46	0	1	0	6	5	50	55	1	0
740	0	13	37	0	42	42	54	1	47	0	1	0	6	5	53	54	0	42
										meri.		adde						
750	0	20	46	1	30	43	18	1	48	0	0	0	0	5	56	51	0	6
																	minue	
760	0	27	59	2	12	43	42	1	49	0	0	0	6	5	59	45	0	12
770	0	35	16	2	43	43	48	1	50	0	1	0	0	0	2	40	0	30
779	0	41	50	3	36			1	50	0	1	0	0	0	5	21	1	24

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Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	m	g	m	2	S	g	m	m	2
es	Direct'			minue		adde		adde		sept.		minue		☉			adde	
0	5	53	18	1	12	41	24	1	44	0	3	0	6	0	4	52	2	36
10	0	0	12	0	12	42	0	1	45	0	3	0	12	0	8	3	1	54
				adde														
20	0	7	12	0	36	44	30	1	46	0	2	0	12	0	11	12	1	24
30	0	14	17	1	24	42	54	1	47	0	1	0	12	0	14	16	0	48
										meri.		adde					minue	
40	0	21	26	2	18	43	18	1	48	0	0	0	6	0	17	21	0	6
50	0	38	39	3	0	43	54	1	49	0	1	0	6	0	20	21	0	36
60	0	35	58	3	12	43	54	1	50	0	2	0	6	0	23	17	0	48
70	0	43	17	4	6	44	18	1	51	0	3	0	12	0	26	14	2	0
80	0	50	40	5	0	44	30	1	52	0	5	0	18	0	29	3	2	54
90	0	58	5	6	18	45	12	1	53	0	7	0	18	0	31	48	4	24
100	1	5	37	7	0	45	54	1	54	0	10	0	12	0	34	27	5	30
110	1	13	16	7	24	45	54	1	55	0	13	0	12	0	36	54	6	12
120	1	20	55	7	42	46	18	1	55	0	17	0	6	0	39	19	0	54
130	1	28	38	7	54	46	0	1	55	0	20	0	12	0	41	35	7	30
140	1	36	18	8	48	46	30	1	56	0	25	0	0	0	43	50	8	42
150	1	44	3	8	54	46	30	1	56	0	29	0	0	0	45	58	9	18
160	1	51	48	8	36	46	18	1	56	0	33	0	0	0	48	0	9	12
												minue						
170	1	59	31	8	42	46	6	1	55	0	38	0	6	0	50	3	9	48
180	2	7	12	8	36	46	12	1	55	0	42	0	12	0	52	2	10	0
190	2	14	54	8	6	45	18	1	53	0	46	0	12	0	53	57	9	42
200	2	22	27	8	18	45	18	1	53	0	50	0	30	0	56	0	10	6
210	2	30	0	7	18	44	36	1	52	0	55	0	42	0	58	0	9	18
220	2	37	26	6	18	43	30	1	48	0	56	0	42	1	0	5	8	30
230	2	44	41	5	48	42	6	1	48	0	58	0	48	1	2	22	7	54
240	2	51	52	5	0	42	12	1	45	0	59	1	0	1	4	41	7	6
250	2	58	54	4	0	40	24	1	41	0	59	1	12	1	7	10	6	12
260	3	5	38	3	24	39	54	1	40	0	59	1	24	1	9	55	5	24
270	3	12	17	2	6	37	54	1	35	0	57	1	30	1	12	47	3	54

Reſiduū ♂

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	Directus			adde		adde		adde		meri.		mīue			☉		mīue	
280	3	18	36	2	0	36	30	1	31	0	55	1	54	1	16	12	3	36
290	3	24	41	1	0	34	42	1	27	0	50	1	54	1	19	32	2	24
				mīue														
300	3	30	28	0	18	32	42	1	22	0	45	2	12	1	23	24	0	48
																	adde	
310	3	35	55	2	0	29	36	1	14	0	38	2	30	1	27	38	1	24
320	3	40	51	3	24	27	18	1	8	0	27	2	30	1	32	27	3	0
330	3	45	24	5	12	22	12	0	56	0	16	2	36	1	37	42	5	18
										ſept.		adde						
340	3	49	6	7	0	16	30	0	41	0	0	2	42	1	43	52	7	24
350	3	51	51	6	48	12	30	0	31	0	15	2	54	1	51	2	7	42
360	3	53	56	9	24	6	6	0	15	0	32	3	12	1	58	58	10	42
370	3	54	57	11	48	0	0	0	0	0	51	3	36	2	7	59	13	18
	retrog̃dº					mīue		mīue										
374	3	54	57	13	24	3	18	0	8	1	5	3	36	2	12	2	15	0
380	3	54	24	13	24	11	6	0	28	1	15	3	54	2	18	39	15	18

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̄	m̄	2	m̄	2	m̄	2	g̃	m̄	m̄	2	S	g̃	m̄	m̄	2
es	retrog̃dº			mi	ue	minc		mīue		ſept.		adde			☉		adde	
390	3	52	33	14	24	17	36	0	44	1	41	3	24	2	30	40	16	30
400	3	49	37	16	6	21	54	0	55	2	7	3	6	2	43	48	18	18
410	3	45	58	17	30	22	48	0	57	2	27	3	6	2	57	41	19	40
420	3	42	10	16	36	17	36	0	48	2	38	2	48	3	11	43	19	0
430	3	39	14	15	48	11	6	0	28	2	47	2	18	3	24	54	18	6
440	3	37	23	15	18	4	48	0	12	2	49	1	54	3	36	57	17	30
	Directus					adde		adde										
447	3	36	50	13	36	0	0	0	0	2	51	1	12	3	44	39	15	42
450	3	36	50	13	24	3	54	0	10	2	45	1	24	3	47	43	15	24
460	3	37	29	12	54	10	12	0	25	2	41	0	54	3	57	16	14	30
470	3	39	11	12	42	14	42	0	37	2	32	0	12	4	5	41	14	6
480	3	41	38	11	48	18	54	0	47	2	18	0	30	4	13	19	12	54
490	3	44	47	10	36	22	36	0	56	2	7	0	12	4	20	13	11	12

I 20

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			minue		adde		adde		sept.		adde			⊙		adde	
500	3	48	33	10	48	25	12	1	3	1	57	0	12	4	26	24	11	0
												minue						
510	3	52	45	10	18	27	24	1	8	1	47	0	18	4	32	6	10	6
520	3	57	19	10	12	28	30	1	11	1	36	0	12	4	37	21	9	42
530	4	2	5	9	36	30	24	1	16	1	26	0	18	4	42	21	8	48
540	4	7	9	8	54	31	24	1	19	1	17	0	24	4	47	1	8	12
550	4	12	23	8	42	32	54	1	22	1	9	0	24	4	51	26	7	12
560	4	17	52	8	48	33	36	1	24	1	1	0	24	4	55	33	7	0
570	4	23	28	8	24	34	6	1	25	0	54	0	30	4	59	31	6	30
580	4	29	9	7	48	35	18	1	28	0	47	0	18	5	3	24	5	42
590	4	35	2	7	54	35	42	1	29	0	41	0	24	5	7	2	5	18
600	4	40	59	7	6	36	24	1	31	0	35	0	24	5	10	35	4	54
610	4	47	3	6	36	37	0	1	33	0	31	0	30	5	14	0	4	30
620	4	53	13	6	6	37	36	1	34	0	26	0	24	5	17	21	4	6
630	4	59	29	5	42	38	6	1	35	0	20	0	12	5	20	35	3	48
640	5	5	50	5	18	38	30	1	36	0	17	0	18	5	23	47	3	36
650	5	12	15	4	30	38	54	1	37	0	14	0	18	5	26	57	3	0
660	5	18	44	3	48	39	36	1	39	0	11	0	18	5	30	4	2	36
670	5	25	20	3	12	40	0	1	40	0	9	0	18	5	33	8	2	24
680	5	32	0	2	48	40	24	1	41	0	6	0	12	5	36	11	2	18
690	5	38	44	2	0	40	48	1	42	0	4	0	12	5	39	13	1	48
700	5	45	32	0	48	41	42	1	44	0	3	0	12	5	42	15	1	6
710	5	52	29	0	18	42	12	1	45	0	2	0	12	5	45	12	0	54
				adde														
720	5	59	31	0	24	42	24	1	46	0	1	0	12	5	48	7	0	42
										meri.		adde						
730	0	6	35	1	12	42	54	1	47	0	0	0	6	5	51	5	0	12
																	minue	
740	0	13	44	2	6	43	42	1	49	0	0	0	6	5	54	1	0	30
750	0	21	21	2	30	44	0	1	50	0	0	0	6	5	56	52	0	30
760	0	28	21	3	18	44	12	1	51	0	1	0	0	5	59	43	1	6
770	0	35	43	4	12	44	54	1	52	0	1	0	0	0	2	35	2	0
779	0	42	26	4	48			1	52	0	1	0	0	0	5	7	2	48

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Di	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elongatio			Equatio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct.			adde		adde		adde		sept.		minue		☉			adde	
0	5	53	6	0	30	42	24	1	46	0	2	0	12	0	5	18	1	12
10	0	0	10	1	6	42	48	1	47	0	1	0	6	0	8	22	0	54
										meri.		adde						
20	0	7	18	1	54	43	18	1	48	0	0	0	6	0	11	26	0	18
																	minue	
30	0	14	31	2	36	43	48	1	49	0	1	0	6	0	14	24	0	24
40	0	21	49	3	6	44	0	1	50	0	1	0	12	0	17	20	0	42
50	0	29	9	3	42	44	6	1	50	0	2	0	12	0	20	15	1	18
60	0	36	30	4	54	44	48	1	52	0	3	0	12	0	23	9	2	48
70	0	43	58	5	42	45	12	1	53	0	5	0	12	0	25	54	3	36
80	0	51	30	6	36	45	48	1	54	0	8	0	6	0	28	34	4	48
90	0	59	8	6	54	45	54	1	55	0	10	0	6	0	31	4	5	24
100	1	6	47	7	18	46	18	1	56	0	12	0	12	0	33	32	6	6
110	1	14	30	7	42	46	12	1	56	0	15	0	12	0	35	52	6	54
120	1	22	12	8	12	46	30	1	46	0	18	0	12	0	38	10	7	48
130	1	29	57	8	36	46	54	1	57	0	22	0	6	0	40	20	8	30
140	1	37	46	8	18	46	36	1	56	0	25	0	6	0	42	23	8	42
150	1	45	32	8	24	46	12	1	56	0	29	0	0	0	44	25	9	6
												minue						
160	1	53	14	8	42	46	24	1	56	0	33	0	12	0	46	28	9	48
170	2	0	58	8	6	46	0	1	55	0	37	0	18	0	48	25	9	30
180	2	8	38	8	0	45	42	1	54	0	40	0	24	0	50	22	9	36
190	2	16	15	7	12	45	30	1	54	0	44	0	36	0	52	20	9	0
200	2	23	50	6	12	44	18	1	51	0	45	0	36	0	54	19	8	12
210	2	31	13	6	0	43	36	1	49	0	48	0	48	0	56	27	8	12
220	2	38	29	5	24	43	0	1	47	0	49	0	54	0	58	40	7	30
230	2	45	39	4	42	42	18	1	48	0	50	1	6	1	1	3	6	48
240	2	52	42	3	12	41	12	1	43	0	49	1	18	1	3	30	5	24
450	2	59	39	2	0	39	48	1	40	0	47	1	12	1	6	8	4	0
260	3	6	12	1	24	38	36	1	36	0	45	1	30	1	9	1	3	12
270	3	12	38	0	48	37	48	1	34	0	42	1	42	1	12	8	2	24

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		meri.		minue		☉			minue	
280	3	18	56	0	48	35	30	1	24	0	36	1	48	1	15	26	0	36
																	adde	
290	3	24	51	1	36	33	24	1	24	0	31	1	54	1	19	8	0	42
300	3	30	25	2	36	31	0	1	18	0	23	2	6	1	23	16	2	0
310	3	35	35	4	18	28	12	1	11	0	13	2	6	1	27	52	3	54
320	3	40	17	5	42	25	30	1	4	0	2	2	12	1	32	57	5	48
										sept.		adde						
330	3	44	32	6	12	20	24	0	51	0	10	2	24	1	38	35	6	36
340	3	47	56	7	54	16	42	0	42	0	27	2	24	1	45	6	8	48
350	3	50	43	10	0	9	54	0	25	0	44	2	42	1	52	19	11	18
360	3	52	22	11	42	3	42	0	9	1	4	3	6	2	0	45	13	12
370	3	52	59	13	6	0	0	0	0	1	27	3	6	2	10	12	15	0
	retrogd⁹					minue		minue										
371	3	52	29	13	48	5	30	0	14	1	33	2	48	2	11	12	15	54
380	3	52	10	15	36	12	6	0	30	1	54	2	54	2	21	12	17	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrogd⁹			minue		minue		minue		meri.		adde		☉			adde	
390	3	50	9	18	12	19	18	0	48	2	15	3	0	2	33	25	20	24
400	3	46	56	16	24	23	18	0	58	2	38	3	0	2	46	51	21	42
410	3	43	3	20	18	21	54	0	55	2	58	2	30	3	0	59	22	42
420	3	39	24	16	30	16	48	0	42	3	6	2	24	4	14	53	21	48
430	3	36	36	18	30	10	36	0	26	3	10	2	12	3	27	55	20	36
440	3	34	50	16	30	3	36	0	9	3	8	1	12	3	39	52	18	30
	Directus					adde		adde										
445	3	34	32	16	6	0	48	0	2	3	5	0	36	3	45	15	18	6
450	3	34	36	15	54	4	24	0	11	2	59	0	42	3	50	17	17	30
												minue						
460	3	35	20	14	54	10	24	0	26	0	50	0	6	3	59	41	16	18
												adde						
470	3	37	4	12	42	15	30	0	39	2	34	0	24	4	8	2	13	42

Residuum ♂

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	Locus			Equatio		ad Di.		ad ho		Lati.		Equatio		Elogatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		meri.		minue		☉			adde	
480	3	39	40	12	48	20	6	0	50	2	23	0	6	4	15	28	13	24
490	3	43	1	11	42	22	24	0	56	2	9	0	6	4	22	5	11	54
500	3	46	45	10	54	25	42	1	4	1	59	0	30	4	28	14	10	42
510	3	51	2	10	30	27	30	1	9	1	44	0	24	4	33	47	10	0
520	3	55	37	10	18	29	12	1	13	1	34	0	30	4	38	58	9	30
530	4	0	29	9	54	30	36	1	16	1	23	0	36	4	43	49	8	42
540	4	5	35	9	30	32	6	1	20	1	13	0	30	4	48	23	8	0
550	4	10	56	9	12	32	48	1	22	1	5	0	36	4	52	38	7	24
560	4	16	24	8	24	34	0	1	25	0	57	0	30	4	56	45	6	30
570	4	22	4	7	54	34	42	1	27	0	49	0	30	5	0	36	5	48
580	4	27	51	7	30	35	42	1	29	0	44	0	36	5	4	21	5	24
590	4	33	48	7	12	36	0	1	30	0	37	0	36	5	7	55	5	0
600	4	39	48	6	24	36	54	1	32	0	31	0	30	5	11	24	4	18
610	4	45	57	5	54	37	30	1	34	0	26	0	24	5	14	41	3	48
620	4	52	12	5	36	38	0	1	35	0	22	0	18	5	18	1	3	42
630	4	58	32	4	48	38	30	1	36	0	18	0	24	5	21	13	3	6
940	5	4	57	4	12	39	18	1	38	0	14	0	24	5	24	23	2	42
650	5	11	30	3	36	39	36	1	39	0	11	0	24	5	27	37	2	24
660	5	18	6	3	6	40	12	1	40	0	0	0	18	5	30	30	2	18
670	5	24	48	2	18	40	24	1	41	0	6	0	16	5	33	32	1	48
680	5	31	32	1	18	41	12	1	43	0	4	0	18	5	36	34	1	6
690	5	38	24	0	24	42	0	1	45	0	2	0	12	5	39	31	0	42
700	5	45	24	0	0	43	12	1	46	0	1	0	12	5	42	26	0	36
				adde						meri.		adde						
710	5	52	26	1	0	42	54	1	47	0	0	0	6	5	45	21	0	6
																	minue	
720	5	59	35	1	54	43	12	1	48	0	1	0	0	5	48	14	0	30
730	0	6	47	4	0	43	48	1	49	0	1	0	0	5	51	7	0	36
740	0	14	5	3	0	44	6	1	50	0	1	0	0	5	53	56	1	0
750	0	21	26	3	54	44	48	1	52	0	1	0	6	5	56	47	1	42
760	0	28	54	4	48	45	6	1	53	0	1	0	0	5	59	32	2	36
770	0	36	25	5	30	45	30	1	54	0	1	0	0	0	2	15	3	6
779	0	43	14	6	0			1	54	0	1	0	0	0	4	39	3	12

	Locus			Equatio		ad di.		ad ho		Lati.		Equatio		Elongato			Equatio	
Dies	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			adde		adde		adde		meri.		adde			☉		adde	
0	5	53	1	1	30	43	0	1	48	0	0	0	6	0	5	30	0	30
10	0	0	21	2	24	43	36	1	49	0	0	0	6	0	8	31	0	12
20	0	7	37	2	54	44	0	1	50	0	1	0	6	0	11	29	0	36
30	0	14	54	3	24	44	18	1	51	0	2	0	6	0	14	20	1	0
40	0	22	20	4	24	44	36	1	52	0	3	0	6	0	17	13	2	0
50	0	29	46	5	24	45	18	1	53	0	4	0	6	0	20	2	3	18
60	0	37	19	6	12	45	36	1	54	0	5	0	6	0	22	41	4	6
70	0	44	55	6	42	46	6	1	55	0	7	0	6	0	25	18	4	54
80	0	52	36	7	0	46	6	1	55	0	9	0	6	0	27	46	5	30
90	1	0	17	7	24	46	18	1	56	0	11	0	6	0	30	10	6	12
100	1	8	0	8	0	46	42	1	57	0	14	0	6	0	32	31	7	12
																	mīue	
110	1	15	47	8	6	46	42	1	57	0	17	0	6	0	34	43	7	42
120	1	23	34	8	18	46	54	1	57	0	20	0	6	0	36	52	8	12
130	1	41	23	8	18	46	36	1	57	0	23	0	6	0	38	55	8	42
140	1	39	9	8	18	46	42	1	57	0	26	0	12	0	40	56	9	0
150	1	46	56	8	0	46	30	1	56	0	29	0	18	0	42	54	9	6
160	1	54	41	7	36	45	48	1	56	0	31	0	18	0	44	50	9	0
170	2	2	19	7	12	45	54	1	56	0	34	0	30	0	46	50	8	48
180	2	9	28	6	24	44	54	1	52	0	36	0	30	0	48	46	8	12
190	2	17	27	6	0	44	30	1	51	0	38	0	36	0	50	50	8	0
200	2	24	52	5	12	44	6	1	50	0	39	0	42	0	52	57	7	24
210	2	32	13	4	18	43	0	1	48	0	40	0	48	0	55	5	6	24
220	2	39	23	3	24	42	18	1	46	0	40	0	54	0	57	25	5	36
230	2	46	26	2	18	40	48	1	42	0	36	1	0	0	59	55	4	30
240	2	53	14	1	48	40	0	1	40	0	36	1	6	1	2	36	3	48
250	2	59	54	1	30	39	12	1	38	0	25	1	24	1	5	28	3	18
260	3	9	26	0	18	38	0	1	35	0	30	1	24	1	8	29	1	54
				mīue														
270	3	12	46	1	12	36	12	1	31	0	25	1	30	1	11	44	0	12

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			miue		adde		adde		meri.		miue		☉			adde	
280	3	18	48	2	6	34	42	1	27	0	18	1	30	1	15	20	1	12
290	3	24	35	3	42	32	24	1	21	0	12	1	42	1	19	15	3	0
300	3	29	59	5	24	29	18	1	13	0	2	1	48	1	23	36	5	0
										sept.		adde						
310	3	34	52	5	18	26	48	1	7	0	8	2	0	1	28	31	5	24
320	3	39	20	7	6	25	0	1	3	0	20	2	12	1	33	55	7	30
330	3	43	30	9	12	18	42	0	47	0	34	2	24	1	39	41	10	6
340	3	46	37	10	30	14	36	0	37	0	51	2	42	1	46	34	11	48
350	3	49	3	11	18	8	12	0	20	1	11	2	24	1	54	12	12	48
360	3	50	25	13	36	3	0	0	8	1	35	2	24	2	2	57	15	30
	retrogd'					miue		miue										
369	3	50	52	16	48	4	0	0	10	1	52	2	42	2	11	37	17	0
370	3	50	48	16	48	7	24	0	18	1	58	2	42	2	12	42	18	54
380	3	49	34	19	6	14	42	0	37	2	23	3	6	2	24	9	21	18

♂

1 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd'			miue		miue		miue		sept.		adde		☉			adde	
390	3	47	7	20	24	20	30	0	52	2	45	3	6	2	36	49	22	42
400	3	43	42	22	0	24	12	1	1	3	8	2	24	2	50	28	24	24
410	3	39	40	21	48	21	6	0	53	3	23	2	6	3	4	46	29	6
420	3	36	9	21	6	15	48	0	40	3	30	1	12	3	18	31	23	12
430	3	33	31	19	42	8	36	0	22	3	32	0	12	3	31	21	21	36
												miue						
440	3	32	5	18	18	3	45	0	9	3	30	0	6	3	42	57	19	54
	Directus					adde		adde										
444	3	31	50	16	18	1	10	0	3	3	12	0	0	3	47	15	17	54
												adde						
450	3	31	57	16	12	5	24	0	13	3	6	0	18	3	53	12	17	36
460	3	32	51	14	36	12	36	0	32	3	49	0	18	4	2	24	15	42
												miue						
470	3	34	57	14	12	15	30	0	39	2	38	0	24	4	10	20	14	48
480	3	37	32	12	24	21	12	0	53	2	22	0	36	4	17	42	12	36

Residuū ♂

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Di	Locus S	g	m	Eqtio m	2	ad di. m	2	ad ho. m	2	Lati. g	m	Eqtio m	2	Elógatio S	g	m	Eqtio m	2
es	directus			miue		adde		adde		sept.		miue		☉			adde	
490	3	41	4	12	6	23	12	0	58	2	8	0	30	4	24	4	11	54
500	3	44	56	11	18	26	6	1	5	1	54	0	42	4	30	1	10	48
510	3	49	17	11	6	27	42	1	9	1	40	0	36	4	35	27	10	18
520	3	53	54	10	6	29	36	1	14	1	29	0	42	4	40	33	8	54
530	3	58	50	9	42	31	0	1	18	1	17	0	36	4	45	16	8	12
540	4	4	0	8	54	32	24	1	21	1	8	0	36	4	49	43	7	6
550	4	9	24	8	24	33	36	1	24	1	59	0	30	4	53	52	6	30
560	4	15	0	7	48	34	30	1	26	1	52	0	42	4	57	48	5	42
570	4	20	45	7	48	35	6	1	28	0	44	0	36	5	1	34	5	42
580	4	26	36	6	42	36	0	1	30	0	38	0	36	5	5	15	4	30
590	4	32	36	6	18	36	48	1	32	0	31	0	24	5	8	45	4	12
600	4	38	44	6	6	37	24	1	34	0	26	0	24	5	12	7	4	0
610	4	44	58	5	18	37	48	1	35	0	22	0	30	5	15	23	3	24
620	4	51	16	4	24	38	48	1	37	0	19	0	36	5	18	38	2	42
630	4	57	44	3	42	39	6	1	38	0	14	0	30	5	21	44	2	12
640	5	4	15	3	18	39	54	1	40	0	10	0	24	5	24	50	2	6
650	5	10	54	5	30	40	6	1	40	0	7	0	18	5	27	51	1	42
660	5	14	35	1	36	41	0	1	42	0	5	0	18	5	30	53	1	6
670	5	24	25	0	54	41	24	1	43	0	3	0	18	5	33	50	0	42
680	5	31	19	0	6	42	6	1	45	0	1	0	12	5	36	45	0	24
				adde						meri.		adde						
690	5	38	20	0	30	42	24	1	46	0	0	0	6	5	39	38	0	6
																	miue	
700	5	45	24	1	36	43	12	1	48	0	1	0	6	5	42	32	0	30
710	5	52	36	1	54	43	48	1	49	0	1	0	6	5	45	22	0	30
7'0	5	59	54	2	36	43	30	1	49	0	1	0	6	5	48	9	1	0
730	0	7	9	3	54	44	36	1	51	0	1	0	6	5	51	1	1	54
740	0	14	35	4	30	45	0	1	52	0	1	0	12	5	53	46	2	18
750	0	22	5	5	12	45	42	1	54	0	2	0	0	5	56	34	3	0
760	0	29	42	5	36	45	48	1	55	0	1	0	6	5	59	6	3	12
770	0	37	20	6	12	46	0	1	55	0	1	0	6	0	1	44	3	48
779	0	44	14	6	36			1	55	0	1	0	6	0	4	7	4	24

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	Locus			Ēq̃tio		ad di.		ad ho		Lati.		Ēq̃tio		Elōgatio			Ēq̃tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m̄	m̄	2	S	g	m̄	m̄	2
es	Directus			adde		adde		adde		meri.		adde			☉		miue	
0	5	53	26	2	36	43	54	1	50	0	1	0	0	0	5	35	0	24
10	0	0	45	3	12	44	6	1	50	0	1	0	6	0	8	29	0	54
20	0	8	6	4	6	44	30	1	51	0	2	0	6	0	11	23	1	42
30	0	15	31	5	0	45	18	1	53	0	3	0	6	0	14	10	2	36
40	0	23	4	5	48	45	36	1	54	0	4	0	6	0	16	53	3	42
50	0	30	40	6	24	46	6	1	55	0	5	0	6	0	19	29	4	18
60	0	38	21	6	42	46	6	1	55	0	6	0	6	0	22	0	4	54
70	0	46	2	7	6	46	24	1	56	0	8	0	6	0	24	29	5	36
80	0	53	46	7	48	46	30	1	56	0	10	0	0	0	26	51	6	36
90	1	1	31	8	6	46	54	1	57	0	12	0	6	0	29	8	7	18
100	1	9	20	7	54	46	48	1	57	0	15	0	0	0	31	19	7	30
												miue						
110	1	17	8	8	18	46	54	1	57	0	16	0	6	0	33	26	8	12
120	1	24	57	8	12	46	54	1	57	0	19	0	6	0	35	30	8	36
130	1	32	46	7	42	46	36	1	56	0	22	0	12	0	37	28	8	24
140	1	40	32	7	42	46	24	1	56	0	24	0	12	0	39	26	8	48
150	1	48	16	7	0	46	6	1	55	0	26	0	18	0	41	23	8	24
160	1	55	57	6	18	45	24	1	54	0	48	0	18	0	43	20	7	54
170	2	3	31	6	6	45	6	1	53	0	29	0	24	0	45	22	7	54
180	2	11	2	5	30	44	30	1	51	0	31	0	36	0	47	24	7	30
190	2	18	27	4	30	43	42	1	49	0	32	0	36	0	49	30	6	42
200	2	25	44	3	42	43	12	1	48	0	32	0	42	0	51	43	5	48
210	2	32	56	2	42	42	6	1	45	0	32	0	48	0	54	1	5	54
220	2	39	57	2	18	41	12	1	43	0	31	0	54	0	56	29	4	24
230	2	46	49	1	18	40	18	1	41	0	29	1	6	0	59	10	3	18
240	2	53	32	0	30	39	42	1	39	0	25	1	12	1	1	58	2	18
				miue														
250	3	0	9	0	48	38	0	1	35	0	21	1	12	1	4	55	0	48
																	adde	
260	3	6	29	2	0	36	30	1	31	0	16	1	24	1	8	10	0	36
270	3	12	34	2	54	35	18	1	28	0	10	1	24	1	11	42	2	0

Residuũ ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Equo	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			miue		adde		adde		meri.		miue		☉			adde	
280	3	18	27	4	6	33	6	1	23	0	3	1	30	1	15	32	3	24
										sept.		adde						
290	3	23	58	4	36	30	42	1	17	0	5	1	42	1	19	45	4	18
300	3	29	5	5	54	29	24	1	13	0	16	1	36	1	24	26	6	0
310	3	33	59	7	36	25	0	1	3	0	28	1	48	1	29	25	8	0
320	3	38	9	8	30	22	54	0	57	0	42	2	0	1	35	10	9	24
330	3	41	58	9	48	17	24	0	43	0	58	2	6	1	41	22	11	6
340	3	44	52	11	30	13	48	0	37	1	18	2	0	1	48	32	13	6
350	3	47	10	14	12	5	54	0	17	1	35	2	48	1	56	20	16	6
360	3	48	9	16	24	0	30	0	1	1	59	2	42	2	5	32	18	30
	retrog̃d⁹					miue		miue										
366	3	48	12	18	0	3	0	0	8	2	16	2	42	2	11	35	20	6
370	3	48	0	18	12	9	42	0	24	2	25	2	48	2	15	51	20	24
380	3	46	23	20	48	16	0	0	40	2	54	2	12	2	27	42	23	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			miue		miue		miue		sept.		adde		☉			adde	
390	3	43	43	22	54	22	6	0	55	3	16	2	24	2	40	36	25	18
400	3	40	2	23	48	24	0	1	0	3	32	2	12	2	54	32	26	6
410	3	36	2	23	36	20	24	0	51	3	44	1	30	3	8	47	25	42
420	3	32	38	22	6	14	24	0	36	3	42	1	6	3	22	23	24	0
430	3	30	14	20	18	7	12	0	18	3	34	0	48	3	34	57	22	0
	Directus					adde		adde										
440	3	29	2	18	24	1	18	0	3	3	19	0	48	3	36	16	19	48
												miue						
450	3	29	15	17	6	7	0	0	17	3	9	0	24	3	56	8	18	12
460	3	30	25	15	18	13	0	0	32	2	52	0	42	4	5	1	15	54
470	3	32	35	14	12	17	18	0	43	2	34	0	36	4	12	48	14	24
480	3	35	28	12	48	21	30	0	54	2	16	0	30	4	19	48	12	36
490	3	39	3	12	30	24	0	1	0	2	3	0	36	4	26	3	12	0

Residuū ♂

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.	Eq̃tio			Elõgatio			Eq̃tio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			minue		adde		adde		sept.		minue		☉			adde	
500	3	43	3	11	24	26	18	1	6	1	47	0	48	4	31	49	10	30
510	3	47	26	10	30	28	42	1	12	1	34	0	36	4	37	10	9	18
520	3	52	13	10	12	30	0	1	15	1	22	0	42	4	42	2	8	42
530	3	57	13	9	12	31	48	1	19	1	11	0	36	4	46	38	7	24
540	4	2	31	8	30	32	54	1	22	1	2	0	48	4	50	54	6	36
550	4	8	0	7	54	34	12	1	25	0	54	0	42	4	54	57	5	48
560	4	13	42	7	18	35	30	1	29	0	45	0	36	4	58	45	5	12
570	4	19	27	6	24	36	13	1	30	0	38	0	30	5	2	31	4	12
580	4	25	29	6	34	36	24	1	31	0	32	0	36	5	6	0	4	24
590	4	31	33	5	42	37	0	1	33	0	27	0	36	5	9	27	3	36
600	4	37	43	4	36	38	12	1	35	0	22	0	36	5	12	47	2	42
610	4	44	5	4	12	38	42	1	37	0	17	0	36	5	15	57	2	30
620	4	50	32	3	48	39	30	1	39	0	13	0	30	5	19	5	2	18
630	4	57	7	3	6	39	30	1	39	0	9	0	24	5	22	6	1	54
640	5	3	42	1	54	40	42	1	42	0	6	0	24	5	25	11	1	6
650	5	10	29	1	18	41	0	1	43	0	4	0	24	5	28	8	0	48
660	5	17	19	0	24	41	42	1	44	0	2	0	18	5	31	4	0	12
				adde						meri.		adde						
670	5	24	16	0	18	42	12	1	45	0	0	0	12	5	33	57	0	0
																	minue	
680	5	31	18	1	6	42	42	1	47	0	1	0	6	5	36	49	0	30
690	5	38	25	1	48	43	30	1	49	0	1	0	12	5	39	39	0	42
700	5	45	40	2	36	43	30	1	49	0	2	0	6	5	42	27	1	12
710	5	52	55	3	42	44	30	1	51	0	2	0	12	5	45	17	2	0
720	0	0	20	4	6	44	48	1	52	0	2	0	6	5	47	59	2	6
730	0	7	48	4	48	45	12	1	53	0	2	0	6	5	50	42	2	36
740	0	15	20	5	30	45	42	1	54	0	3	0	0	5	53	23	3	18
750	0	22	57	5	54	46	6	1	55	0	2	0	6	5	56	0	3	30
760	0	30	38	6	30	46	24	1	56	0	2	0	6	5	58	34	4	6
770	0	38	33	6	48	46	24	1	56	0	2	0	0	0	1	6	4	42
779	0	45	20	7	12			1	56	0	2	0	0	0	3	23	5	30

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	m	g	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
0	5	53	52	3	54	44	30	1	51	3	1	0	6	0	5	31	1	36
10	0	1	17	4	36	45	0	1	52	0	2	0	0	0	8	20	2	12
20	0	8	47	5	24	45	24	1	53	0	3	0	0	0	11	6	3	6
30	0	16	21	6	18	46	6	1	55	0	4	0	0	0	13	44	4	12
40	0	24	2	6	30	46	12	1	56	0	5	0	6	0	16	36	4	24
50	0	31	44	6	48	46	24	1	56	0	6	0	6	0	18	46	5	0
60	0	39	28	7	24	46	30	1	56	0	7	0	0	0	21	11	5	54
												minue						
70	0	47	13	7	54	47	6	1	58	0	9	0	6	0	23	33	6	42
80	0	55	4	7	54	46	48	1	57	0	10	0	0	0	25	45	7	6
90	1	2	52	7	54	46	42	1	57	0	13	0	6	0	27	55	7	30
100	1	10	39	8	6	47	12	1	58	0	15	0	6	0	30	4	8	0
110	1	18	31	7	42	46	48	1	57	0	16	0	6	0	32	4	8	6
120	1	26	19	7	18	46	24	1	56	0	18	0	12	0	34	4	8	0
130	1	34	3	7	24	46	36	1	57	0	20	0	18	0	36	4	8	30
140	1	41	49	6	24	45	42	1	54	0	22	0	18	0	37	58	7	48
150	1	49	26	6	12	45	24	1	54	0	23	0	18	0	39	59	7	54
160	1	57	0	5	42	45	12	1	53	0	25	0	30	0	42	1	7	30
170	2	4	32	4	36	44	30	1	51	0	25	0	30	0	44	3	6	36
180	2	11	57	3	48	43	30	1	49	0	25	0	30	0	46	9	6	0
190	2	19	12	2	54	42	54	1	47	0	26	0	42	0	48	23	5	0
200	2	26	21	2	36	42	12	1	46	0	25	0	48	0	50	45	4	48
210	2	33	23	1	48	41	42	1	44	0	24	0	54	0	53	12	3	54
220	2	40	20	0	18	40	12	1	41	0	22	1	0	0	55	45	2	18
				minue														
230	2	47	2	0	18	39	30	1	39	0	18	1	0	0	58	37	1	30
240	2	53	37	1	0	38	24	1	36	0	13	1	0	1	1	35	0	36
																	adde	
250	3	0	1	2	6	36	48	1	32	0	9	1	6	1	4	47	0	42
260	3	6	9	3	30	35	56	1	29	0	2	0	12	1	8	16	2	36
										sept. adde								
170	3	12	5	3	54	34	6	1	25	0	4	1	18	1	12	2	3	12

Residuũ ♂

2 0

Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Directus			miue		adde		adde		sept.		adde		☉			adde	
280	3	17	46	5	24	32	36	1	22	0	12	1	30	1	16	6	5	6
290	3	23	12	7	0	29	24	1	14	0	22	1	36	1	20	28	7	6
300	3	28	6	7	42	27	42	1	9	0	32	2	0	1	25	26	8	6
310	3	32	42	8	48	24	6	1	0	0	46	0	2	1	30	45	9	42
320	3	36	44	9	36	21	36	0	54	1	2	1	42	1	36	44	10	54
330	3	40	20	12	0	15	36	0	39	1	19	2	12	1	43	13	13	30
340	3	42	56	13	48	11	12	0	28	1	38	2	12	1	10	43	15	42
350	3	44	48	16	0	3	42	0	9	2	3	2	12	1	59	1	18	6
360	3	45	25	18	0	0	30	0	1	2	26	2	12	2	8	37	20	12
	retrog̃d⁹					miue		miue										
362	3	45	26	16	18	3	30	0	9	2	31	2	18	2	10	38	21	30
370	3	44	58	21	6	12	18	0	31	2	53	2	30	2	19	15	23	24
380	3	42	55	22	42	18	6	0	45	3	16	2	30	2	31	33	25	6

♂

2 0

Di	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	retrog̃d⁹			miue		miue		miue		sept.		adde		☉			adde	
390	3	39	54	25	6	23	0	0	57	3	40	1	54	2	44	49	27	18
400	3	36	4	25	42	23	48	0	59	3	54	1	18	2	58	53	47	48
410	3	32	6	24	24	18	54	0	47	3	59	0	54	3	13	4	26	18
420	3	28	57	23	18	12	36	0	32	3	53	0	42	3	26	23	25	0
430	3	26	51	21	24	5	18	0	13	3	42	0	24	3	38	37	22	48
	Directus					adde		adde										
440	3	25	58	18	48	2	36	0	7	3	27	0	48	3	49	34	19	54
450	3	26	24	17	0	8	48	0	23	3	5	0	42	3	59	10	15	36
460	3	27	52	15	39	14	6	0	35	2	45	0	24	4	7	40	15	48
470	3	30	13	14	42	18	42	0	47	2	28	0	42	4	15	12	14	30
480	3	33	20	13	0	21	48	0	54	2	11	0	54	4	21	54	12	30
490	3	36	58	12	0	25	6	1	3	1	57	1	6	4	28	3	11	6

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Equo	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			mīue		adde		adde		sept.		adde		☉			adde	
500	3	41	9	10	54	27	12	1	8	1	39	0	42	4	33	34	9	36
510	3	45	41	10	18	29	0	1	12	1	28	1	0	4	38	43	8	48
520	3	50	31	9	18	31	0	1	17	1	15	0	54	4	43	29	6	30
530	3	55	41	8	36	32	30	1	21	1	5	1	0	4	47	52	6	42
540	4	1	6	7	48	33	30	1	24	0	54	0	42	0	52	0	5	42
550	4	6	41	7	18	34	48	1	27	0	47	0	42	4	55	55	5	12
560	4	12	29	7	0	35	54	1	30	0	39	0	42	4	59	37	4	48
570	4	18	23	6	12	33	6	1	30	0	33	0	42	5	3	13	4	6
580	4	24	24	5	6	37	12	1	33	0	26	0	36	5	6	44	3	0
590	4	30	36	4	30	38	6	1	35	0	21	0	36	5	10	3	2	36
600	4	36	57	4	6	38	6	1	37	0	16	0	36	5	13	14	2	24
610	4	43	23	3	12	39	6	1	38	0	11	0	30	5	16	22	1	42
620	4	49	54	2	6	40	12	1	40	0	8	0	30	5	19	28	0	54
630	4	56	36	1	36	40	42	1	42	0	5	0	30	5	22	25	0	48
640	5	3	23	0	48	41	18	1	43	0	2	0	18	5	25	22	0	18
										meri.		adde					mīue	
650	5	10	16	0	6	41	54	1	45	0	0	0	18	5	28	16	0	6
				adde														
660	5	17	15	0	54	42	24	1	46	0	1	0	18	5	31	6	0	36
670	5	24	19	1	36	43	0	1	47	0	2	0	12	5	33	57	1	0
680	5	31	29	2	12	43	24	1	48	0	2	0	12	5	36	44	1	6
690	5	38	43	3	18	44	18	1	51	0	3	0	6	5	39	32	1	54
700	5	46	6	3	42	44	36	1	51	0	3	0	12	5	42	15	2	0
710	5	53	32	4	24	44	54	1	52	0	4	0	6	5	44	57	2	24
720	0	1	1	5	18	45	30	1	54	0	3	0	12	5	47	38	3	6
730	0	8	36	5	42	45	54	1	55	0	3	0	6	5	50	16	3	30
740	0	16	15	6	12	46	6	1	55	0	3	0	6	5	52	50	4	48
750	0	23	56	6	54	46	42	1	57	0	3	0	6	5	55	25	4	30
760	0	31	43	7	6	46	42	1	57	0	3	0	0	5	57	53	5	0
770	0	39	30	7	36	46	54	1	57	0	2	0	0	0	0	19	5	30
779	0	46	32	7	54			1	57	0	2	0	0	0	2	28	5	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
0	5	54	31	5	6	45	12	1	51	0	2	0	0	0	5	15	2	42
10	0	2	3	5	54	45	48	1	54	0	3	0	6	0	7	58	3	36
20	0	9	41	6	18	46	18	1	56	0	3	0	0	0	10	35	4	12
30	0	17	24	6	30	46	18	1	56	0	4	0	0	0	13	2	4	24
40	0	25	7	7	12	46	30	1	56	0	6	0	0	0	15	32	5	24
50	0	32	52	7	48	47	0	1	57	0	7	0	0	0	17	56	6	18
60	0	40	42	7	42	47	0	1	58	0	7	0	6	0	20	12	6	30
70	0	48	32	7	48	47	6	1	58	0	8	0	6	0	22	26	7	0
												minue						
80	0	56	23	7	54	46	48	1	57	0	10	0	6	0	24	34	7	30
90	1	4	11	7	48	46	54	1	57	0	13	0	6	0	26	40	7	42
100	1	12	0	7	42	46	48	1	57	0	14	0	12	0	28	44	8	6
110	1	19	48	7	30	46	24	1	56	0	15	0	12	0	30	44	8	12
120	1	27	32	7	0	46	30	1	56	0	16	0	12	0	32	44	8	6
130	1	35	17	6	6	45	36	1	54	0	17	0	12	0	34	39	7	30
140	1	43	53	5	48	45	30	1	54	0	19	0	24	0	36	40	7	30
150	1	50	28	5	0	44	54	1	52	0	20	0	24	0	38	40	6	48
160	1	57	57	4	6	44	6	1	50	0	20	0	30	0	40	46	6	6
170	2	9	18	3	24	43	42	1	49	0	20	0	30	0	42	57	5	36
180	2	12	35	2	48	42	36	1	47	0	20	0	42	0	45	9	4	54
190	2	19	41	2	12	42	36	1	46	0	19	0	42	0	47	33	4	24
200	2	26	47	0	54	41	24	1	44	0	17	0	42	0	49	57	3	0
210	2	33	41	0	6	41	12	1	41	0	15	0	48	0	52	33	2	6
				minue														
220	2	48	23	0	36	39	36	1	39	0	12	1	0	0	55	22	1	6
																	adde	
230	2	46	59	1	42	38	48	1	37	0	8	1	0	0	58	22	0	6
240	2	53	27	2	48	37	18	1	33	0	3	1	0	1	1	29	1	24
										sept.		adde						
250	2	59	40	3	42	35	24	1	28	0	2	1	12	1	4	54	2	48
260	3	5	34	4	0	35	12	1	28	0	10	1	6	1	8	42	3	18
270	3	11	26	5	42	32	36	1	22	0	17	1	24	1	12	34	5	24

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			mine		adde		adde		sept.		adde		☉			adde	
280	3	16	52	6	36	31	0	1	17	0	27	1	24	1	16	57	6	42
290	3	22	2	7	18	28	42	1	12	0	38	1	30	1	21	39	6	48
300	3	26	49	8	30	26	36	1	6	0	52	1	24	1	26	47	9	24
310	3	31	15	10	12	23	18	0	58	1	6	1	48	1	32	33	11	30
320	3	35	8	12	0	19	12	0	48	0	19	1	6	1	38	33	13	30
330	3	38	29	13	30	13	48	0	34	1	41	1	42	1	45	28	15	24
340	3	40	38	14	30	9	0	0	22	2	0	2	0	1	53	20	16	36
350	3	42	8	17	24	3	15	0	8	2	25	2	6	2	2	2	19	36
	retrog̃d°					mine		mine										
358	3	42	34	19	48	4	30	0	11	2	42	2	24	2	9	47	20	12
360	3	42	25	19	24	5	42	0	14	2	48	2	30	2	11	59	21	48
370	3	41	27	22	30	13	54	0	35	3	18	1	54	2	23	9	24	54
380	3	39	8	24	30	20	24	0	51	3	41	1	42	2	35	44	26	48

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d°			mine		mine		mine		sept.		adde		☉			adde	
390	3	35	44	25	24	23	42	0	59	3	59	1	0	2	49	22	28	0
400	3	31	47	26	24	22	60	0	56	4	7	0	42	3	3	31	28	18
410	3	28	2	25	0	17	48	0	44	4	8	0	12	3	17	27	26	42
												mine						
420	3	25	4	23	24	10	42	0	27	4	0	0	36	3	30	33	24	48
430	3	23	17	21	6	3	52	0	9	3	38	0	24	3	42	25	22	6
	Direct°					adde		adde										
437	3	22	50	19	36	0	0	0	0	3	23	0	24	3	49	53	19	42
440	3	22	50	19	24	4	24	0	11	3	19	0	42	3	52	53	20	0
450	3	23	34	17	15	10	12	0	25	2	58	0	54	4	2	6	17	30
460	3	25	16	15	36	15	0	0	37	2	41	1	12	4	10	18	15	24
470	3	27	46	13	42	20	24	0	51	2	20	1	12	4	17	37	13	12
480	3	31	10	12	30	22	48	0	57	2	2	1	6	4	23	59	11	36
490	3	34	58	10	36	26	12	1	5	1	46	1	6	4	29	54	9	18

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	Locus			Eq̃tio		ad vi.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			minue		adde		adde		sept.		minue		☉			adde	
500	3	39	20	10	42	27	48	1	9	1	32	1	12	4	35	10	9	12
510	3	43	58	9	12	30	0	1	15	1	18	0	54	4	40	11	7	24
520	3	48	58	8	18	31	42	1	19	1	6	1	0	4	44	34	7	24
530	3	54	15	7	48	33	18	1	23	0	55	0	48	4	48	59	5	42
540	3	59	48	7	24	34	0	1	25	0	47	0	54	4	52	57	5	18
550	4	5	28	6	36	35	6	1	28	0	40	0	54	4	56	47	4	24
560	4	11	5	5	42	36	12	1	30	0	32	0	48	5	0	25	3	36
570	4	17	21	5	0	37	12	1	33	0	26	0	48	5	3	54	2	54
580	4	23	33	4	42	37	48	1	34	0	20	0	48	5	7	14	2	48
590	4	29	51	3	42	38	30	1	36	0	15	0	42	5	10	29	2	0
600	4	36	16	2	42	39	30	1	39	0	10	0	36	5	13	38	1	12
610	4	42	51	1	54	40	12	1	41	0	6	0	30	5	16	39	0	42
620	4	49	33	0	18	40	42	1	42	0	3	0	30	5	19	37	0	30
										meri.		adde					minue	
630	4	56	20	0	12	41	30	1	44	0	0	0	18	5	22	33	0	18
				adde														
640	5	3	15	0	36	42	0	1	45	0	1	0	18	5	25	25	0	42
650	5	10	15	1	24	42	54	1	47	0	3	0	12	5	28	15	1	6
660	5	17	24	1	48	43	6	1	48	0	4	0	6	5	31	0	1	12
670	5	24	35	2	54	43	36	1	49	0	4	0	12	5	33	47	1	48
680	5	31	51	3	42	44	30	1	51	0	4	0	12	5	36	33	2	18
690	5	39	16	4	6	44	42	1	52	0	4	0	12	5	39	13	2	24
700	5	46	43	5	6	45	18	1	53	0	5	0	6	5	41	55	3	6
710	5	54	16	5	36	45	48	1	54	0	5	0	6	5	44	33	3	24
720	0	1	54	6	12	45	54	1	55	0	5	0	6	5	47	7	4	0
730	0	9	33	6	48	46	24	1	56	0	4	0	6	5	49	41	4	24
740	0	17	17	7	12	46	48	1	57	0	4	0	6	5	52	12	4	48
750	0	25	5	7	24	46	54	1	57	0	4	0	0	5	54	40	5	18
760	0	32	54	7	36	47	12	1	58	0	3	0	0	5	57	3	5	30
770	0	40	46	7	36	47	12	1	58	0	2	0	6	5	59	24	5	48
779	0	47	51	7	24			1	58	0	2	0	6	0	1	31	6	6

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		meri.		adde			☉		minue	
0	5	55	22	5	54	46	0	1	55	0	2	0	0	0	4	48	3	36
10	0	3	2	6	24	46	12	1	56	0	3	0	0	0	7	22	4	18
20	0	10	44	7	0	46	30	1	56	0	3	0	6	0	9	53	4	24
30	0	18	29	7	24	47	0	1	57	0	4	0	6	0	12	18	5	36
40	0	26	19	7	36	47	6	1	58	0	6	0	0	0	14	38	6	6
50	0	34	10	7	36	46	54	1	58	0	7	0	0	0	16	53	6	24
												minue						
60	0	41	59	8	0	47	6	1	58	0	8	0	6	0	19	7	7	12
70	0	49	50	7	48	47	12	1	58	0	9	0	6	0	21	16	7	24
80	0	57	42	7	36	46	42	1	57	0	9	0	0	0	23	19	7	42
90	1	5	29	7	24	46	48	1	57	0	11	0	12	0	25	23	7	48
100	1	13	17	6	48	46	36	1	56	0	12	0	12	0	27	23	7	30
110	1	21	3	6	12	45	54	1	55	0	13	0	12	0	29	21	7	18
120	1	28	42	5	36	45	36	1	54	0	14	0	18	0	31	23	7	0
130	1	36	18	5	12	45	18	1	53	0	15	0	18	0	33	25	6	54
140	1	43	51	4	18	44	42	1	52	0	15	0	18	0	35	25	6	6
150	1	51	18	3	30	44	0	1	50	0	16	0	24	0	37	32	5	36
160	1	58	38	3	0	43	24	1	49	0	15	0	30	0	39	45	5	12
170	2	5	52	2	12	43	6	1	48	0	15	0	36	0	42	1	4	18
180	2	13	3	0	54	42	0	1	45	0	13	0	30	0	44	20	3	6
190	2	20	3	0	18	41	18	1	41	0	12	0	42	0	46	49	2	24
200	2	26	56	0	18	40	36	1	41	0	10	0	42	0	49	27	1	42
210	2	33	42	1	18	39	30	1	39	0	7	0	48	0	52	12	0	24
																	adde	
220	2	40	17	2	12	38	30	1	36	0	2	0	48	0	55	11	0	36
										sept.		adde						
230	2	46	42	3	12	37	42	1	34	0	2	0	54	0	58	21	1	48
240	2	52	59	3	54	36	24	1	31	0	7	1	6	1	1	43	3	0
250	2	59	3	5	18	35	6	1	28	0	14	1	6	1	5	22	4	36
260	3	4	54	6	12	33	30	1	24	0	21	1	18	1	9	15	5	54
270	3	10	29	6	48	31	42	1	19	0	31	1	12	1	13	28	6	54

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			miue		adde		adde		sept.		adde		☉			adde	
280	3	15	46	7	24	30	18	1	16	0	41	1	12	1	18	4	7	54
290	3	20	49	9	18	27	30	1	9	0	53	1	30	1	22	57	10	12
300	3	25	24	10	30	24	54	1	2	1	6	1	42	1	28	21	11	48
310	3	29	30	1	18	21	30	0	54	1	24	1	12	1	34	17	12	48
320	3	33	8	11	54	17	42	0	44	1	40	1	36	1	40	48	13	48
330	3	36	5	14	0	12	48	0	42	1	58	1	54	1	48	2	16	6
340	3	38	13	16	24	6	6	0	15	2	20	2	0	1	56	6	18	36
350	3	39	14	18	12	1	48	0	4	2	46	1	36	2	5	18	20	36
	retrogd'					miue		miue										
355	3	39	23	20	30	2	24	0	6	2	59	1	54	2	10	17	22	48
360	3	39	11	20	54	8	54	0	22	3	13	1	24	2	15	37	23	12
370	3	37	42	23	24	15	54	0	39	3	37	1	30	2	27	18	25	42
380	3	35	3	25	36	21	48	0	54	3	58	1	0	2	40	12	27	42

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d'			miue		miue		miue		sept.		adde		☉			adde	
390	3	31	25	27	0	24	12	1	0	4	9	1	6	2	54	2	28	54
400	3	27	23	26	42	21	6	0	53	4	14	0	12	3	8	14	28	24
												miue						
410	3	23	52	25	18	16	12	0	41	4	10	0	30	3	21	54	26	42
420	3	21	10	23	24	8	24	0	21	3	54	0	48	3	34	41	24	24
430	3	19	46	21	6	2	48	0	7	3	34	1	0	3	46	6	21	36
	Direct'					adde		adde										
435	3	19	32	19	12	0	48	0	2	3	23	1	6	3	51	18	19	36
440	3	19	36	18	24	6	30	0	16	3	12	1	18	3	56	13	18	36
450	3	20	41	16	6	11	54	0	29	2	49	1	12	4	5	1	15	54
460	3	22	40	14	36	16	54	0	42	2	29	1	36	4	12	52	14	6
470	3	25	29	12	30	21	36	0	54	2	7	1	12	4	19	49	11	36
480	3	29	5	11	42	24	42	1	2	1	51	1	18	4	25	55	10	24
490	3	33	12	11	6	26	6	1	5	1	35	1	6	4	31	27	9	36

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Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
500	3	37	38	9	18	29	18	1	13	1	20	1	6	4	36	42	7	30
510	3	42	26	9	6	30	54	1	17	1	9	1	12	4	41	25	7	12
520	3	47	35	8	24	32	12	1	21	0	56	0	54	4	45	48	6	18
530	3	52	57	7	30	32	42	1	24	0	47	1	0	4	50	56	5	24
540	3	58	34	6	18	34	48	1	27	0	38	0	54	4	53	50	4	6
550	4	4	22	5	24	36	0	1	30	0	31	0	54	4	57	31	3	18
560	4	10	22	4	42	36	54	1	32	0	24	0	48	5	1	1	2	36
570	4	16	31	4	12	37	30	1	34	0	18	0	48	5	4	23	2	18
580	4	22	46	3	6	38	48	1	37	0	12	0	42	5	7	42	1	24
590	4	29	14	2	24	39	30	1	39	0	8	0	42	5	10	49	0	54
600	4	35	49	1	24	40	18	1	41	0	4	0	36	5	13	50	0	12
510	4	42	32	0	48	40	48	1	42	0	1	0	30	5	16	46	0	0
				adde						meri.		adde					minue	
620	4	49	20	0	30	41	48	1	44	0	2	0	24	5	19	42	1	0
630	4	56	18	0	48	42	18	1	46	0	3	0	24	5	22	30	0	54
640	5	3	21	1	30	42	48	1	47	0	4	0	24	5	25	18	1	12
650	5	10	29	2	30	43	18	1	48	0	5	0	24	5	28	4	1	54
660	5	17	42	3	24	44	12	1	50	0	5	0	24	5	30	48	2	18
670	5	25	4	3	54	44	24	1	51	0	6	0	18	5	33	29	2	30
680	5	32	28	4	42	44	54	1	52	0	6	0	12	5	36	10	3	0
690	5	39	57	5	18	45	42	1	54	0	6	0	6	5	38	49	3	18
700	5	47	34	5	54	45	48	1	55	0	6	0	6	5	41	24	3	42
710	5	55	12	6	36	46	24	1	56	0	6	0	6	5	43	59	4	18
720	0	2	56	6	48	46	30	1	56	0	6	0	6	5	46	27	4	24
730	0	11	41	7	18	46	48	1	57	0	5	0	6	5	48	57	4	54
740	0	18	29	7	36	47	0	1	58	0	5	0	0	5	51	24	5	30
750	0	26	19	7	42	47	6	1	58	0	4	0	0	5	53	47	5	36
760	0	34	10	7	48	47	12	1	58	0	3	0	6	5	56	8	6	0
770	0	42	2	7	36	47	0	1	57	0	3	0	0	5	58	26	6	6
779	0	49	5	7	18			1	57	0	3	0	0	0	0	30	6	6

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		mīue		⊙			mīue	
0	5	56	21	6	48	46	30	1	56	0	2	0	0	0	4	12	4	42
10	0	4	6	7	24	46	48	1	57	0	3	0	0	0	6	39	5	18
20	0	11	54	7	42	46	54	1	57	0	4	0	0	0	9	4	5	54
30	0	19	43	7	42	47	12	1	58	0	5	0	6	0	11	22	6	12
40	0	27	35	7	24	47	6	1	58	0	6	6	0	0	13	37	6	42
50	0	35	26	7	42	47	18	1	58	0	7	0	6	0	15	49	6	54
60	0	43	19	7	30	46	54	1	57	0	7	0	0	0	17	55	7	6
70	0	51	8	7	24	47	0	1	57	0	8	0	6	0	20	2	7	30
80	0	58	58	6	54	46	30	1	56	0	9	0	12	0	22	2	7	18
90	1	6	43	6	30	46	12	1	56	0	9	0	6	0	24	5	7	12
100	1	14	25	6	0	46	0	1	55	0	10	0	12	0	29	8	7	6
110	1	22	5	5	18	45	18	1	53	0	11	0	12	0	28	8	6	42
120	1	29	38	4	48	45	12	1	53	0	11	0	12	0	30	12	6	30
130	1	38	10	3	54	44	24	1	51	0	13	0	18	0	32	15	5	42
140	1	44	34	3	18	43	54	1	50	0	12	0	24	0	34	24	5	24
150	1	51	53	2	36	43	30	1	49	0	12	0	30	0	36	36	4	42
160	1	59	8	1	24	42	36	1	47	0	10	0	24	0	38	53	3	30
170	2	6	14	0	48	41	48	1	45	0	9	0	30	0	41	18	3	0
180	2	13	12	0	24	41	24	1	43	0	8	0	36	0	43	49	2	30
				mīue														
190	2	20	6	0	42	40	42	1	42	0	5	0	36	0	46	25	1	18
																	adde	
200	2	26	53	1	54	39	36	1	39	0	3	0	42	0	49	10	0	12
										sept.		adde						
210	2	33	29	2	36	38	36	1	36	0	1	0	48	0	52	8	1	0
220	2	39	55	3	24	37	30	1	34	0	6	0	54	0	55	17	2	0
230	2	46	10	4	24	37	0	1	32	0	11	1	0	0	58	41	3	30
240	2	53	20	5	54	35	0	1	28	0	18	1	0	1	2	13	4	42
250	2	58	10	5	42	34	12	1	25	0	25	1	0	1	6	8	5	24
260	3	3	52	6	48	32	54	1	22	0	34	1	6	1	10	14	6	54
270	3	9	21	8	12	31	6	1	18	0	43	1	12	1	14	37	8	42

Residuũ ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			miue		adde		adde		sept.		adde			☉		adde	
280	3	14	32	9	18	28	24	1	11	0	53	1	24	1	19	23	10	12
290	3	19	16	9	36	26	18	1	6	1	8	1	12	1	24	39	10	54
300	3	23	39	10	27	24	6	1	0	1	23	1	12	1	30	19	11	54
310	3	27	40	12	12	20	54	0	53	1	36	1	42	1	36	25	14	6
320	3	31	9	13	36	15	36	0	39	1	56	1	30	1	43	6	15	42
330	3	33	45	15	42	10	24	0	26	2	17	1	42	1	50	43	17	54
340	3	35	29	17	24	4	18	0	11	2	40	1	36	1	59	12	19	48
350	3	36	12	20	0	0	0	0	0	3	2	1	42	2	8	44	22	18
	retrog̃d⁹					miue		miue										
351	3	36	12	26	36	2	20	0	8	3	9	1	18	2	9	45	24	54
360	3	35	42	22	36	11	24	0	28	3	27	1	24	2	19	29	25	54
370	3	33	48	25	36	18	6	0	45	3	52	1	24	2	31	35	27	42
380	3	30	47	26	30	23	12	0	58	4	8	0	48	2	44	49	28	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			miue		miue		miue		sept.		miue			☉		adde	
390	3	26	55	27	30	23	54	0	59	4	20	0	0	2	58	51	29	12
400	3	22	53	26	30	19	42	0	49	4	16	0	12	3	12	58	27	54
410	3	19	39	24	36	14	18	0	36	4	5	0	54	3	26	21	25	36
420	3	17	16	22	36	6	6	0	15	3	46	1	6	3	38	45	23	6
430	3	16	15	19	18	0	0	0	0	3	34	1	48	3	49	42	19	30
	directus					adde		adde										
432	3	16	15	18	36	2	8	0	5	3	20	1	48	3	51	41	18	42
440	3	16	32	17	30	8	48	0	22	2	59	1	12	3	59	19	17	18
450	3	18	0	12	48	13	24	0	33	2	37	1	36	4	7	40	15	18
460	3	20	14	13	42	19	0	0	47	2	13	1	12	4	15	13	12	48
470	3	23	24	12	12	22	24	0	56	1	55	1	30	4	21	45	10	54
480	3	27	8	11	6	25	18	1	3	1	38	1	18	4	27	39	9	36
490	3	31	21	10	12	27	54	1	9	1	24	1	30	4	33	3	8	24

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Di	Locus			Equtio		ad di.		ad ho.		Lati.		Equtio		Elogatio			Equtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		sept.		minue		⊙			adde	
500	3	36	0	9	6	29	30	1	14	1	9	1	6	4	37	57	7	12
510	3	40	55	8	6	31	36	1	19	0	57	1	6	4	42	37	6	0
520	3	46	11	6	48	33	6	1	23	0	47	1	12	4	46	51	4	42
530	3	51	42	5	54	34	54	1	27	0	37	1	6	4	50	50	3	42
540	3	57	31	5	30	35	42	1	29	0	29	1	0	4	54	3	3	24
550	4	3	28	4	48	36	42	1	32	0	22	1	0	4	58	4	2	42
560	4	9	35	3	42	37	24	1	34	0	16	0	54	5	1	27	1	48
570	4	15	49	2	30	38	36	1	36	0	10	0	48	5	4	46	0	48
580	4	22	15	2	0	36	30	1	39	0	5	0	42	5	7	56	0	30
																	minue	
590	4	28	50	0	54	40	30	1	51	0	1	0	36	5	10	58	0	10
										meri.		adde						
600	4	35	35	0	12	40	54	1	42	0	2	0	30	5	13	52	0	36
				adde														
610	4	42	24	0	42	42	6	1	45	0	4	0	30	5	16	46	1	18
620	4	49	25	1	0	42	6	1	45	0	6	0	24	5	19	32	1	6
630	4	56	26	2	30	43	0	1	46	0	7	0	24	5	22	21	2	12
640	5	3	36	3	6	43	48	1	49	0	8	0	24	5	25	6	2	34
650	5	10	54	3	54	44	12	1	51	0	9	0	18	5	27	45	2	48
660	5	18	16	4	36	44	42	1	52	0	9	0	12	5	30	25	3	12
670	5	25	43	5	18	45	12	1	53	0	9	0	12	5	33	4	3	36
680	5	33	15	5	54	45	30	1	54	0	8	0	12	5	35	40	3	54
690	5	40	50	6	30	46	18	1	56	0	7	0	12	5	38	16	4	18
700	5	48	33	6	48	46	30	1	56	0	7	0	12	5	40	47	4	30
710	5	56	18	7	12	46	36	1	57	0	7	0	6	5	43	16	4	48
720	0	4	4	7	36	47	0	1	57	0	7	0	0	5	45	43	5	12
730	0	11	54	7	42	47	6	1	58	0	6	0	6	5	48	8	5	36
740	0	19	45	7	48	47	6	2	58	0	5	0	6	5	50	29	5	42
750	0	27	36	7	48	47	12	1	58	0	4	0	6	5	52	51	6	0
760	0	35	28	7	36	47	0	1	57	0	4	0	0	5	55	8	6	6
770	0	43	18	7	30	46	42	1	57	0	3	0	6	5	57	25	6	18
779	0	50	18	7	12			1	57	0	3	0	6	5	59	29	6	12

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	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elōgatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		meri.		minue		☉			minue	
0	5	57	29	7	24	47	6	1	58	0	2	0	0	0	3	25	5	18
10	0	5	20	7	24	47	6	1	56	0	3	0	0	0	5	46	5	36
20	0	13	11	7	42	46	54	1	57	0	4	0	6	0	8	5	6	12
30	0	21	0	7	48	47	24	1	58	0	6	0	0	0	10	20	6	36
40	0	28	54	7	39	46	54	1	57	0	5	0	0	0	12	30	6	42
50	0	36	43	7	30	47	6	1	57	0	6	0	0	0	14	40	7	6
60	0	44	34	7	0	46	48	1	57	0	7	0	6	0	16	44	7	6
70	0	52	22	6	30	46	30	1	46	0	7	0	6	0	18	47	6	54
80	1	0	7	6	6	46	6	1	55	0	7	0	6	0	20	44	6	48
90	1	7	48	5	36	45	42	1	54	0	8	0	12	0	22	53	6	42
100	1	15	25	4	54	45	18	1	53	0	8	0	12	0	24	57	6	18
110	1	22	58	4	6	44	48	1	52	0	9	0	12	0	27	1	5	48
120	1	30	26	3	18	44	18	1	51	0	9	0	18	0	29	8	5	6
130	1	37	49	2	48	43	48	1	50	0	9	0	18	0	31	18	4	54
140	1	45	7	1	6	43	12	1	48	0	8	0	18	0	33	30	3	42
150	1	52	19	1	0	42	18	1	46	0	7	0	24	0	35	49	3	6
160	1	59	22	0	30	42	0	1	45	0	6	0	24	0	38	18	2	42
				minue														
170	2	6	22	0	24	41	24	1	43	0	4	0	24	0	40	48	1	42
180	2	13	16	1	42	40	18	1	41	0	2	0	36	0	43	24	0	18
										scpt.		adde					adde	
190	2	19	59	2	24	39	30	1	39	0	1	0	36	0	46	12	0	42
200	2	26	34	2	54	38	54	1	37	0	4	0	18	0	49	12	1	18
210	2	33	3	4	6	37	48	1	35	0	9	0	48	0	52	18	2	42
220	2	39	21	5	0	36	30	1	31	0	15	0	48	0	55	37	4	6
230	2	45	25	9	24	36	0	1	30	0	21	0	48	1	59	16	5	42
240	2	51	26	6	18	34	42	1	27	0	28	1	0	1	3	0	6	0
250	2	57	13	7	24	33	6	1	23	0	35	1	6	1	7	2	7	30
260	3	2	44	8	12	31	30	1	19	0	45	1	0	1	11	23	8	42
270	3	7	59	8	30	30	0	1	15	0	55	1	6	1	16	4	9	24

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		adde			⊙		adde	
280	3	12	59	9	36	28	6	1	10	1	7	1	6	1	21	5	10	54
290	3	17	40	10	42	25	30	1	4	1	20	1	18	1	26	28	12	18
300	3	21	55	11	36	22	18	0	56	1	35	1	24	1	32	18	13	30
310	3	25	38	12	42	19	30	0	49	1	53	1	12	1	38	46	14	48
320	3	28	53	15	6	13	30	0	34	2	11	1	30	1	45	42	17	18
330	3	31	8	16	36	8	42	0	22	2	34	1	6	1	53	43	19	0
340	3	32	35	18	30	2	7	0	5	2	56	1	18	2	2	30	20	48
	retrogđ'					minue		minue										
349	3	32	54	20	42	2	0	0	5	3	16	1	12	2	11	24	22	54
350	3	32	52	20	48	5	36	0	14	3	29	1	6	2	12	27	23	6
360	3	31	56	23	6	14	24	0	36	3	41	1	6	2	23	38	25	12
370	3	21	39	24	42	19	0	0	48	4	6	0	12	2	36	12	26	36
380	3	26	22	26	42	24	12	1	0	4	16	0	12	2	49	33	28	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati:		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrogđ'			minue		minue		minue		sept.		minue			⊙		adde	
390	3	22	20	27	0	22	54	0	57	4	22	0	36	3	3	43	24	24
400	3	18	31	25	54	17	48	0	45	4	14	1	12	3	17	37	26	54
410	3	15	33	24	30	12	18	0	31	3	56	1	24	3	30	37	25	0
420	3	13	20	21	24	3	45	0	9	3	35	1	6	3	42	36	21	36
	Directus					adde		adde										
428	3	13	0	19	18	1	0	0	3	3	13	1	48	3	51	0	19	6
430	3	13	2	19	18	3	30	0	9	3	6	1	36	3	52	57	19	6
440	3	13	37	16	18	10	30	0	26	2	47	2	12	4	2	12	15	48
450	3	15	22	14	36	15	30	0	39	2	22	1	48	4	10	13	13	42
460	3	17	57	12	54	20	30	0	51	2	1	1	54	4	17	21	11	36
470	3	21	22	11	24	23	30	0	59	1	40	1	30	4	23	24	9	54
480	3	25	17	10	18	26	12	1	6	1	25	1	30	4	29	15	8	30
490	3	29	39	9	6	29	0	1	12	1	9	1	18	4	34	27	7	12

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			minue		adde		adde		sept.		minue		☉			adde	
500	3	34	29	8	6	30	30	1	17	0	58	1	30	4	39	9	6	0
510	3	39	34	6	36	32	54	1	22	0	46	1	18	4	43	37	4	30
520	3	45	3	5	48	34	0	1	25	0	35	1	6	4	47	38	3	36
530	3	50	43	5	12	35	18	1	28	0	26	1	0	4	51	27	3	6
540	3	56	36	4	12	36	24	1	31	0	19	1	6	4	55	5	2	6
550	4	2	40	3	6	37	48	1	34	0	12	0	54	4	58	31	1	12
560	4	8	58	2	36	38	36	1	36	0	7	0	54	5	1	45	0	54
570	4	15	24	1	54	39	12	1	38	0	2	0	48	5	4	54	0	24
										meri.		adde					minue	
580	4	21	51	0	24	40	36	1	41	0	2	0	42	5	8	1	0	48
				adde														
590	4	28	41	0	12	41	12	1	43	0	5	0	36	5	10	55	1	0
600	4	35	33	1	18	41	54	1	44	0	7	0	36	5	13	46	1	48
610	4	42	32	2	0	42	18	1	46	0	9	0	30	5	16	33	2	6
620	3	49	35	3	0	43	36	1	49	0	10	0	30	5	19	21	2	48
630	4	56	51	3	12	43	36	1	49	0	11	0	24	5	21	59	2	30
640	5	4	7	4	30	44	36	1	51	0	12	0	18	5	24	42	3	24
650	5	11	33	4	54	44	54	1	52	0	12	0	12	5	27	17	3	30
660	5	19	2	5	36	45	24	1	53	0	11	0	18	5	29	53	3	54
670	5	26	36	6	12	45	48	1	54	0	11	0	18	5	32	28	4	12
680	5	34	14	6	48	46	6	1	55	0	10	0	12	5	35	1	4	30
690	5	41	55	7	18	46	36	1	56	0	9	0	12	5	37	33	5	0
700	5	49	41	7	36	46	54	1	57	0	9	0	0	5	40	2	6	12
710	5	57	30	7	42	47	0	1	58	0	8	0	6	5	42	28	5	24
720	0	5	20	7	54	47	6	1	58	0	7	0	6	5	14	51	5	48
730	0	13	12	7	36	47	12	1	58	0	7	0	0	5	47	12	5	30
740	0	21	3	7	36	47	6	1	58	0	6	0	0	5	49	32	5	48
												minue						
750	0	28	54	7	30	47	0	1	58	0	5	0	6	5	51	51	6	0
760	0	36	44	7	6	46	54	1	57	0	4	0	0	5	54	7	5	54
770	0	44	33	6	30	46	18	1	57	0	4	0	6	5	56	22	5	42
779	0	51	30	6	0			1	56	0	4	0	6	5	58	27	5	42

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
ces	Direct'			adde		adde		adde		meri.		minue		☉			minue	
0	5	48	43	7	42	47	6	1	58	0	2	0	0	0	2	32	5	54
10	0	6	34	4	48	47	24	1	59	0	3	0	6	0	4	50	6	18
20	0	14	28	7	36	47	0	1	58	0	3	0	0	0	7	3	6	30
30	0	22	18	7	30	47	6	1	58	0	4	0	0	0	9	14	6	42
40	0	30	9	7	12	46	54	1	57	0	5	0	6	0	11	23	6	48
50	0	37	58	6	42	46	36	1	56	0	6	0	12	0	13	29	6	48
60	0	45	44	6	18	46	18	1	56	0	6	0	6	0	15	33	6	42
70	0	53	27	5	48	46	6	1	55	0	6	0	6	0	17	38	6	30
80	1	1	0	5	18	45	36	1	54	0	6	0	6	0	19	41	6	24
90	1	8	44	4	18	45	0	1	53	0	6	0	6	0	21	46	5	42
100	1	16	14	3	42	44	30	1	51	0	6	0	6	0	23	54	5	24
110	1	23	39	3	6	44	0	1	50	0	7	0	18	0	26	3	4	54
120	1	30	59	2	18	43	48	1	49	0	6	0	12	0	28	17	4	24
130	1	38	17	1	24	42	36	1	47	0	6	0	18	0	30	29	3	30
140	1	45	23	0	54	42	36	1	49	0	5	0	24	0	32	53	3	0
150	1	52	29	0	0	41	48	1	45	0	3	0	18	0	35	18	2	12
				minue														
160	1	59	27	1	6	41	6	1	43	0	2	0	24	0	37	51	1	0
										sept.		adde						
170	2	6	18	1	54	40	6	1	40	0	0	0	30	0	40	31	0	6
																	adde	
180	2	12	59	2	24	39	36	1	39	0	4	0	36	0	43	21	0	42
190	2	19	35	3	36	39	0	1	37	0	7	0	42	0	46	19	2	0
200	2	25	5	4	30	37	42	1	34	0	12	0	42	0	49	25	3	6
210	2	32	22	4	54	36	54	1	32	0	17	0	42	0	52	45	4	0
220	2	38	31	5	24	36	6	1	30	0	23	0	48	0	56	18	4	48
230	2	44	32	6	36	35	6	1	28	0	29	0	54	1	0	3	6	18
240	2	50	23	7	24	33	36	1	24	0	38	0	48	1	4	0	7	30
250	2	55	59	7	36	32	18	1	21	0	46	0	42	1	8	17	8	6
260	3	1	22	8	30	31	12	1	18	0	55	1	0	1	12	50	9	24
270	3	6	54	9	30	28	54	1	12	1	6	1	6	1	17	38	10	48

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			mĩue		adde		adde		sept.		adde		☉			adde	
280	3	11	23	10	6	27	0	1	7	1	18	1	18	1	22	54	11	42
290	3	15	53	11	12	24	36	1	1	1	33	1	6	1	28	31	13	6
300	3	19	59	12	24	21	12	0	53	1	49	0	54	1	34	33	14	30
310	3	23	31	13	42	17	6	0	43	2	5	1	12	1	41	14	15	54
320	3	26	22	15	24	12	0	0	30	2	20	0	48	1	48	36	17	48
330	3	28	22	16	48	6	48	0	17	2	45	1	18	1	56	52	19	6
340	3	29	30	19	6	1	30	0	4	3	9	1	0	2	5	58	21	24
	retrog̃d⁹					mĩue		mĩue										
346	3	29	39	21	30	3	45	0	9	3	23	0	42	2	11	57	23	42
350	3	29	24	21	0	7	54	0	19	3	30	0	48	2	16	18	23	6
360	3	28	5	23	30	16	0	0	40	3	52	0	48	2	27	50	25	24
370	3	25	25	25	24	21	0	0	53	4	8	1	0	2	40	30	27	6
380	3	21	55	26	24	24	30	1	1	4	18	0	42	2	54	17	27	36

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			mĩue		mĩue		mĩue		sept.		mĩue		☉			adde	
390	3	17	50	26	12	21	48	0	55	4	14	1	0	3	8	27	27	12
400	3	14	12	24	18	16	24	0	41	4	2	1	42	3	22	6	24	48
410	3	11	28	22	42	9	12	0	23	3	42	1	54	3	34	47	22	54
420	3	9	56	16	36	1	40	0	4	3	24	2	48	3	46	12	19	44
	Directus					adde		adde										
426	3	9	46	18	18	0	45	0	2	2	59	2	6	3	52	15	17	54
430	3	9	49	17	36	6	30	0	16	2	50	2	12	3	56	8	17	0
440	3	10	54	14	54	12	12	0	30	2	25	1	54	4	4	50	14	0
450	3	12	56	13	24	17	12	0	42	2	3	1	54	4	12	30	12	6
460	3	15	48	11	36	22	0	0	55	1	42	1	48	4	19	17	10	6
470	3	19	28	10	30	24	36	1	1	1	25	1	30	4	24	13	8	42
480	3	23	34	8	36	27	24	1	9	1	10	1	36	4	30	40	6	42
490	3	28	8	7	30	30	0	1	15	0	56	1	36	4	35	39	5	24

Residuum ♂

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		sept.		miue		☉			adde	
500	3	33	8	6	36	32	0	1	24	0	43	1	30	4	40	9	4	24
510	3	38	28	6	12	33	42	1	24	0	33	1	24	4	44	22	4	0
520	3	44	5	4	54	34	36	1	27	0	24	1	18	4	48	14	2	48
530	3	49	51	3	36	36	18	1	31	0	16	1	6	4	51	58	1	30
540	3	55	54	3	6	37	30	1	34	0	8	1	0	4	55	26	1	12
550	4	2	9	1	54	38	18	1	36	0	2	0	54	3	58	43	0	12
										meri.		adde					miue	
560	4	8	32	1	6	39	18	1	38	0	2	0	54	5	1	54	0	24
				adde														
570	4	15	5	0	12	40	36	1	41	0	6	0	42	5	4	58	1	18
580	4	21	51	1	0	41	12	1	43	0	9	0	42	5	7	53	1	48
590	4	28	43	1	42	42	18	1	46	0	11	0	42	5	10	45	2	12
600	4	35	46	3	6	42	36	1	47	0	13	0	36	5	13	24	2	12
610	4	42	52	3	6	43	18	1	48	0	14	0	30	5	16	12	2	48
620	4	50	5	3	54	43	48	1	49	0	15	0	30	5	18	54	3	12
630	4	57	23	4	54	44	54	1	52	0	15	0	24	5	21	34	3	48
640	5	4	52	5	18	45	0	1	53	0	15	0	18	5	24	8	4	6
650	5	12	22	6	6	45	36	1	54	0	14	0	24	5	26	42	4	24
660	5	19	58	6	30	46	0	1	55	0	14	0	12	5	29	14	4	30
670	5	27	38	7	12	46	18	1	56	0	14	0	12	5	31	46	5	0
680	5	35	21	7	24	46	42	1	57	0	12	0	12	5	34	16	5	6
690	5	43	8	7	42	46	54	1	57	0	11	0	6	5	36	43	5	18
700	5	50	27	7	54	47	0	1	58	0	9	0	6	5	39	10	5	36
710	5	58	47	7	48	47	12	1	58	0	9	0	0	5	41	34	5	42
										miue								
720	0	6	39	7	36	46	48	1	58	0	8	0	6	5	43	52	5	30
730	0	14	27	7	48	47	12	1	58	0	7	0	0	5	46	17	6	0
740	0	22	19	7	18	47	0	1	58	0	6	0	0	5	48	34	5	48
750	0	30	9	6	36	46	36	1	57	0	4	0	0	5	50	51	5	24
760	0	37	55	6	24	46	18	1	26	0	4	0	0	5	53	8	5	36
770	0	45	38	5	54	45	48	1	55	0	3	0	6	5	55	25	5	30
779	0	52	30	5	24			1	55	0	3	0	12	5	57	30	5	18

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			adde		adde		adde		meri.		miũe		☉			miũe	
0	0	0	0	7	42	47	12	1	58	0	2	0	0	0	1	33	6	12
10	0	7	52	7	30	47	12	1	58	0	3	0	0	0	3	47	6	24
20	0	15	44	7	12	46	54	1	57	0	3	0	0	0	5	58	6	30
30	0	23	33	7	0	46	48	1	57	0	4	0	6	0	8	7	6	36
40	0	31	21	6	24	46	24	1	56	0	4	0	6	0	10	15	6	30
50	0	39	5	5	48	46	12	1	55	0	4	0	0	0	12	21	9	12
60	0	46	47	5	18	45	48	1	54	0	5	0	6	0	14	26	6	0
70	0	54	25	4	42	45	36	1	54	0	5	0	6	0	16	33	5	48
80	1	2	1	3	54	44	36	1	52	0	5	0	12	0	18	37	5	24
90	1	9	27	3	24	44	24	1	51	0	5	0	12	0	20	49	5	6
100	1	16	51	2	30	43	54	1	49	0	4	0	18	0	23	0	4	18
110	1	24	10	1	42	43	12	1	48	0	4	0	12	0	25	14	3	48
120	1	31	22	1	6	42	54	1	47	0	4	0	18	0	27	33	3	12
130	1	38	31	0	12	42	6	1	45	0	3	0	18	0	29	54	2	18
				miũe														
140	1	45	32	0	48	41	42	1	44	0	1	0	18	0	32	23	1	24
										sept.		adde						
150	1	52	29	1	30	40	42	1	42	0	0	0	24	0	34	56	0	36
160	1	59	16	2	0	40	18	1	41	0	2	0	30	0	37	41	0	0
																	adde	
170	2	5	59	3	6	39	36	1	39	0	5	0	36	0	40	30	1	24
180	2	12	35	4	0	38	24	1	36	0	10	0	30	0	43	28	2	24
190	2	18	59	4	24	38	6	1	35	0	14	0	36	0	46	39	3	0
200	2	25	20	5	0	37	18	1	33	0	19	0	36	0	49	56	4	6
210	2	31	33	5	54	36	24	1	31	0	24	0	42	0	53	25	5	18
220	2	37	37	6	48	34	54	1	27	0	31	0	42	0	57	6	6	30
230	2	43	26	7	0	34	18	1	26	0	38	0	42	1	1	6	7	6
240	2	49	9	7	42	33	24	1	23	0	46	0	42	1	5	15	8	12
250	2	54	43	8	36	31	24	1	18	0	53	1	6	1	9	38	9	30
260	2	59	57	9	6	30	12	1	13	0	5	0	48	1	14	24	10	24
170	3	4	59	10	6	28	18	1	11	1	17	0	54	1	19	26	11	42

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
280	3	9	42	10	48	25	54	1	4	1	31	0	42	1	24	51	12	42
290	3	14	1	12	0	23	24	0	58	1	48	1	6	1	30	42	14	6
300	3	17	55	13	18	19	54	0	49	1	58	1	6	1	36	58	15	30
310	3	21	14	14	12	15	24	0	36	2	17	1	6	1	43	53	16	36
320	3	23	48	15	36	10	30	0	26	2	34	1	0	1	51	34	17	54
330	3	25	34	17	6	4	30	0	11	2	58	0	42	2	0	3	19	24
	retrog̃d⁹					minue		minue										
340	3	26	19	18	42	2	30	0	6	3	19	0	24	2	9	32	20	48
350	3	25	54	21	18	10	24	0	26	3	38	0	18	2	20	9	23	12
360	3	24	10	23	24	17	54	0	44	4	0	0	12	2	32	4	25	0
370	3	21	11	24	24	21	48	0	54	4	8	0	30	2	45	9	25	48
380	3	17	33	26	0	24	30	1	1	4	11	1	18	2	58	53	27	0

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue		minue		sept.		minue		☉			adde	
390	3	13	28	24	36	19	54	0	48	4	4	2	0	3	12	59	25	2
400	3	10	9	23	24	14	48	0	37	3	45	1	54	3	26	14	23	36
410	3	7	41	20	30	6	6	0	15	3	23	2	30	3	38	36	20	18
420	3	6	49	18	0	0	30	0	1	2	56	2	42	3	49	26	17	24
	Directus					adde		adde										
424	3	6	38	16	6	2	30	0	6	2	43	2	12	3	53	22	15	24
430	3	6	53	15	0	9	12	0	23	2	28	1	54	3	58	58	14	6
440	3	7	25	14	0	13	42	0	34	2	6	2	12	4	7	10	12	42
450	3	10	42	12	12	19	0	0	47	1	44	2	0	4	14	31	10	42
460	3	13	52	10	0	23	6	0	58	1	24	2	0	4	20	58	8	42
470	3	17	43	9	0	26	30	1	6	1	10	2	12	4	26	40	7	6
480	3	22	8	7	42	28	30	1	11	0	54	1	48	4	31	47	5	36
490	3	26	53	6	24	30	54	1	17	0	40	1	30	4	36	33	4	42

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	m	g	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		minue		⊙			adde	
500	3	32	2	5	42	32	24	1	21	0	28	1	30	4	40	53	3	36
510	3	37	26	4	6	35	0	1	27	0	19	1	24	4	45	2	2	0
520	3	43	16	3	36	35	54	1	29	0	11	1	12	4	48	42	1	30
530	3	49	15	2	54	36	48	1	32	0	5	1	18	4	52	13	1	0
										meri.		adde					minue	
540	3	55	23	1	18	38	42	1	37	0	2	1	0	4	55	38	0	24
550	4	1	50	0	36	39	36	1	38	0	6	1	6	4	58	45	0	54
				adde														
560	4	8	21	0	42	40	36	1	41	0	11	0	48	5	1	50	1	48
570	4	15	2	1	24	41	24	1	43	0	13	0	54	5	4	45	2	12
580	4	22	1	2	6	41	54	1	44	0	16	0	48	5	7	35	2	36
590	4	29	0	3	0	42	42	1	47	0	18	0	42	5	10	23	3	6
600	4	36	7	4	0	43	36	1	49	0	19	0	36	5	13	6	3	42
610	4	43	23	4	36	44	6	1	50	0	19	0	30	5	15	44	3	54
620	4	50	44	5	18	44	48	1	52	0	20	0	24	5	18	22	4	12
630	4	58	12	6	0	45	18	1	52	0	19	0	30	5	20	56	4	30
640	5	5	45	6	12	45	48	1	54	0	18	0	24	5	23	27	4	12
650	5	13	23	7	6	46	0	1	55	0	18	0	18	5	25	58	5	6
660	5	21	3	7	36	46	42	1	57	0	16	0	12	5	28	29	5	24
670	5	28	50	7	54	46	30	1	57	0	16	0	6	5	30	56	5	36
480	5	36	35	8	6	47	0	1	58	0	14	0	6	5	33	25	5	42
690	5	44	25	8	0	47	6	1	58	0	12	0	6	5	35	50	5	42
700	5	52	16	8	0	46	54	1	57	0	10	0	6	5	38	14	5	54
710	0	0	5	8	0	47	0	1	57	0	9	0	0	5	40	37	5	54
720	0	7	55	7	42	47	0	1	57	0	7	0	6	5	42	58	5	54
												minue						
730	0	15	45	6	48	46	42	1	57	0	7	0	6	5	45	17	5	18
740	0	23	32	6	30	46	18	1	56	0	6	0	6	5	47	36	5	18
750	0	31	15	6	12	46	24	1	56	0	5	0	6	5	49	57	5	24
760	0	38	59	5	30	45	48	1	55	0	4	0	6	5	52	12	5	6
770	0	46	37	4	48	45	12	1	53	0	4	0	0	5	54	30	4	54
779	0	53	24	4	24			1	53	0	1	0	0	5	56	37	5	0

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̄	m̄	2	m̄	2	m̄	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		meri.		miue			☉		miue	
0	0	1	17	7	18	47	0	1	58	0	2	0	0	0	0	31	6	12
10	0	9	7	7	0	46	54	1	57	0	2	0	0	0	2	43	6	18
20	0	16	56	6	36	46	42	1	57	0	3	0	6	0	4	59	6	12
30	0	24	43	6	0	46	12	1	56	0	3	0	6	0	7	1	6	6
40	0	32	25	5	36	45	48	1	55	0	3	0	0	0	9	10	6	0
50	0	40	3	5	6	45	42	1	54	0	4	0	12	0	11	19	5	48
60	0	47	40	4	24	45	12	1	53	0	4	0	12	0	13	26	5	30
70	0	55	12	3	30	44	48	1	51	0	4	0	12	0	15	35	5	0
80	1	2	40	2	42	44	6	1	50	0	3	0	6	0	17	43	4	18
90	1	10	1	1	54	43	30	1	49	0	3	0	6	0	19	58	3	42
100	1	17	16	1	12	43	6	1	48	0	2	0	6	0	22	17	3	18
110	1	24	27	0	30	42	36	1	47	0	2	0	12	0	24	36	2	36
				miue														
120	1	31	33	0	24	42	0	1	45	0	1	0	12	0	27	1	1	42
										sept.		adde						
130	1	38	33	1	12	41	6	1	43	0	0	0	24	0	29	31	1	0
140	1	45	24	1	42	41	0	1	42	0	2	0	24	0	32	9	0	24
																	adde	
150	1	52	14	2	48	40	12	1	41	0	4	0	30	0	34	50	0	48
160	1	58	56	3	36	39	12	1	38	0	7	0	30	0	37	41	1	54
170	2	5	28	4	12	38	42	1	37	0	11	0	30	0	40	44	2	36
180	2	11	55	4	30	38	0	1	35	0	15	0	30	0	43	52	3	6
190	2	18	15	5	24	37	30	1	34	0	20	0	30	0	47	9	4	30
200	2	24	30	6	12	36	24	1	31	0	25	0	36	0	50	37	9	36
210	2	30	34	6	42	35	30	1	29	0	31	0	36	0	54	18	6	24
220	2	36	29	7	24	34	42	1	27	0	38	0	36	0	58	11	7	36
230	2	42	16	7	54	33	36	1	24	0	45	0	48	1	2	17	8	24
240	2	47	52	8	30	32	36	1	21	0	53	0	54	1	6	37	9	24
250	• 2	53	17	9	18	30	54	1	17	1	4	0	42	1	11	33	10	36
260	2	58	26	9	4	29	12	1	13	1	12	0	42	1	16	18	11	18
270	3	3	18	10	42	27	36	1	9	1	26	0	42	1	21	23	12	36

Residuũ ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgato			Eq̃tio	
Di	S	g̃	m	m̃	2	m̃	2	m	2	g	m̃	m	2	S	g	m̃	m̃	2
es	Direct⁹			miue		adde		adde		sept.		adde			☉		adde	
280	3	7	54	11	42	24	42	1	2	1	38	0	54	1	26	58	13	48
290	3	12	1	11	42	22	6	0	55	1	55	0	36	1	33	3	13	54
300	3	15	42	12	54	19	0	0	47	2	9	0	42	1	39	33	15	18
310	3	18	52	14	12	14	0	0	35	2	28	0	36	1	46	36	16	30
320	3	21	12	15	42	9	6	0	23	2	44	0	42	1	54	33	18	0
330	3	22	43	16	54	3	14	0	0	3	5	0	24	2	3	17	19	0
	retrog̃d⁹					miue		miue										
339	3	23	12	18	48	0	0	0	0	3	25	0	0	2	11	59		
340	3	23	12	18	54	5	6	0	13	3	33	0	0	2	43	0	20	48
												miue						
350	3	22	21	20	24	12	30	0	31	3	41	0	6	2	24	1	22	0
360	3	20	16	22	36	18	54	0	47	3	58	1	6	2	36	14	24	0
370	3	17	7	24	6	23	24	0	58	4	3	1	30	2	49	27	25	6
380	3	13	13	24	6	23	6	0	58	3	58	1	48	3	3	23	24	36

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g	m	m	2
es	retrog̃d⁹			miue		miue		miue		sept.		miue			☉		adde	
390	3	9	22	23	6	18	42	0	47	3	44	2	12	3	17	10	23	18
400	3	6	15	21	24	11	58	0	29	3	26	2	54	3	30	10	21	12
410	3	4	16	18	54	3	18	0	9	2	58	2	30	3	41	50	18	18
	Directus					adde		adde										
420	3	3	40	16	30	4	18	0	11	2	29	2	18	3	52	20	15	36
430	3	4	23	14	42	10	12	0	25	2	9	2	0	4	1	19	13	24
440	3	6	5	12	0	15	30	0	39	1	44	2	12	4	9	17	10	30
450	3	8	40	10	0	21	12	0	53	1	24	2	12	4	16	18	8	12
460	3	12	12	8	36	24	6	1	0	1	4	2	0	4	22	20	6	42
470	3	16	13	7	48	27	48	1	9	0	48	1	48	4	27	51	5	42
480	3	20	51	6	30	29	18	1	13	0	36	1	48	4	32	43	4	18
490	3	25	44	4	42	32	6	1	20	0	25	1	42	4	37	20	2	36

						3				10								
	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elõgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹.			minue		adde		adde		sept.		minue		⊙			adde	
500	3	31	5	4	24	34	0	1	25	0	13	1	30	4	41	55	2	18
510	3	36	45	3	12	35	30	1	29	0	5	1	18	4	45	22	1	6
										meri.		adde						
520	3	42	40	2	18	36	36	1	32	0	1	1	24	4	48	57	0	24
																	minue	
530	3	48	46	0	24	38	24	1	36	0	8	1	6	4	52	23	1	18
				adde														
540	3	55	10	0	24	39	24	1	39	0	12	1	12	4	55	34	1	54
550	4	1	44	1	18	40	24	1	41	0	17	1	6	4	58	36	2	24
560	4	8	24	1	54	41	18	1	44	0	19	1	6	5	1	32	2	42
570	4	15	21	2	24	42	6	1	45	0	22	1	0	5	4	23	2	48
580	4	22	22	3	36	42	48	1	47	0	24	0	48	5	7	9	3	42
590	4	29	30	4	24	43	42	1	47	0	25	0	36	5	9	52	4	6
600	4	36	47	5	6	44	12	1	51	0	25	0	36	5	12	29	4	24
610	4	44	9	5	54	44	48	1	52	0	24	0	36	5	15	5	4	48
620	4	51	37	6	12	45	30	1	54	0	24	0	24	5	17	40	4	42
630	4	59	12	7	0	45	30	1	54	0	24	0	18	5	20	11	5	18
640	5	6	47	8	0	46	42	1	54	0	22	0	18	5	22	45	6	6
950	5	14	34	7	48	46	30	1	57	0	21	0	6	5	25	7	5	36
660	5	22	19	8	12	47	0	1	57	0	18	0	12	5	27	35	5	54
670	5	30	9	8	12	46	42	1	57	0	17	0	6	5	30	0	5	48
680	5	37	56	8	6	46	54	1	57	0	15	0	0	5	32	28	5	36
690	5	45	45	8	12	47	6	1	58	0	13	0	0	5	34	53	6	6
700	5	53	36	7	48	46	54	1	58	0	11	0	0	5	37	15	5	42
												minue						
710	0	1	25	7	12	46	42	1	57	0	9	0	6	5	39	38	5	24
720	0	9	12	9	48	46	6	1	55	0	8	0	12	5	41	59	5	18
730	0	16	53	6	36	46	24	1	56	0	6	0	6	5	44	34	5	24
740	0	24	37	6	0	46	12	1	55	0	5	0	6	5	46	43	5	12
750	0	32	17	5	18	45	42	1	54	0	4	0	6	5	49	3	4	54
760	0	39	54	4	24	45	1	9	54	0	3	0	6	5	51	23	4	30
770	0	47	25	3	24	44	48	1	52	0	2	0	6	5	53	41	3	48
779	0	54	8	2	36	44	48	1	52	0	1	0	0	5	55	47	3	12

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	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elongatio			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		meri.		minue		☉			minue	
0	0	2	30	5	54	46	42	1	57	0	2	0	0	5	59	29	6	12
10	0	10	17	6	12	46	30	1	56	0	2	0	6	0	1	40	5	48
20	0	18	2	5	48	46	6	1	55	0	2	0	0	0	3	51	5	54
30	0	25	43	5	18	45	48	1	54	0	2	0	0	0	6	0	5	42
40	0	33	21	4	36	45	18	1	53	0	3	0	6	0	8	10	5	18
50	0	40	54	3	54	45	0	1	52	0	2	0	0	0	10	21	5	0
60	0	48	24	2	54	44	18	1	51	0	2	0	0	0	12	31	4	24
70	0	55	47	2	12	44	0	1	50	0	2	0	6	0	14	45	3	48
80	1	3	7	1	36	43	18	1	48	0	2	0	6	0	17	0	3	30
90	1	10	20	0	48	42	48	1	47	0	2	0	12	0	19	21	2	54
100	1	17	28	0	0	42	24	1	46	0	1	0	12	0	21	44	2	6
				minue						sept.		adde						
110	1	24	32	0	54	41	42	1	44	0	0	0	12	0	24	10	1	12
120	1	31	29	1	24	41	12	1	43	0	1	0	18	0	26	44	0	48
																	adde	
130	1	38	21	2	18	40	36	1	42	0	4	0	18	0	29	21	0	12
140	1	45	7	3	12	39	54	1	40	1	6	0	24	0	32	5	1	12
150	1	51	46	3	42	39	24	1	39	0	9	0	24	0	34	58	2	0
160	1	58	20	4	24	38	36	1	37	0	12	0	24	0	38	0	2	48
170	2	4	46	5	6	38	24	1	36	0	16	0	30	0	41	10	3	42
180	2	11	10	5	54	37	6	1	33	0	20	0	30	0	44	23	5	0
190	2	17	21	6	18	36	42	1	32	0	25	0	30	0	47	54	5	42
200	2	23	28	6	42	35	54	1	29	0	31	0	36	0	51	33	6	24
210	2	29	27	7	24	34	48	1	27	0	37	0	36	0	55	22	7	36
220	2	35	15	7	42	34	12	1	25	0	44	0	42	0	59	27	8	42
230	2	40	57	8	36	33	0	1	23	0	53	0	42	1	3	41	9	30
240	2	46	27	8	54	31	42	1	19	1	2	0	30	1	8	11	10	12
250	2	51	44	9	18	30	30	1	16	1	11	0	30	1	12	59	10	54
260	2	56	29	10	30	28	12	1	11	1	20	0	54	1	18	1	12	24
270	3	1	31	10	18	26	36	1	6	1	33	0	42	1	23	29	12	24

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho		Latit.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			minue		adde		adde		sept.		adde		☉			adde	
280	3	5	57	11	18	24	42	1	2	1	47	0	42	1	29	16	13	30
290	3	10	4	12	36	20	54	0	53	2	1	0	30	1	35	22	15	9
300	3	13	33	12	42	17	42	0	44	2	16	0	36	1	42	6	15	0
310	3	16	30	14	6	12	30	0	31	2	34	0	0	1	49	24	16	24
320	3	18	35	14	42	7	54	0	19	2	51	0	6	1	57	33	16	48
												minue						
330	3	19	54	16	30	2	20	0	6	3	9	0	18	2	6	27	18	24
	retrog̃d⁹					minue		minue										
336	3	20	8	17	42	1	15	0	3	3	12	0	48	2	12	19	19	24
340	3	20	33	18	6	6	36	0	16	3	23	0	18	2	16	28	19	42
350	3	18	57	20	18	14	42	0	37	3	40	1	12	2	27	41	21	42
360	3	16	30	21	24	20	24	0	51	3	47	1	18	2	40	14	22	18
370	3	13	6	21	54	23	24	0	59	3	48	2	6	2	53	38	22	24
380	3	9	12	22	24	22	6	0	55	3	40	2	42	2	57	29	22	36

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrog̃d⁹			minue		minue		minue		sept.		minue		☉			adde	
390	3	5	31	21	0	17	0	0	43	3	22	2	54	3	21	3	20	48
400	3	2	41	18	42	9	27	0	23	2	57	2	30	3	33	42	18	6
410	3	1	7	17	6	1	54	0	5	2	33	2	30	3	45	2	16	12
	Direct⁹					adde		adde										
415	3	0	52	14	48	1	30	0	4	2	12	2	48	3	53	3	14	30
420	3	0	55	14	6	6	6	0	15	2	6	2	48	3	54	56	12	48
430	3	1	56	12	6	12	54	0	32	1	49	2	30	4	3	33	10	30
440	3	4	5	10	48	17	30	0	44	1	22	2	48	4	11	2	9	0
450	3	7	0	9	36	22	36	0	56	1	2	2	36	4	17	40	7	42
460	3	10	46	7	36	24	54	1	2	0	44	2	12	4	23	27	5	30
470	3	14	55	5	36	24	6	1	13	0	30	2	0	4	28	48	3	24
480	3	19	46	5	0	31	6	1	18	0	18	1	48	4	33	26	2	54
490	3	24	57	4	12	32	24	1	22	0	8	1	48	4	37	46	2	12

Residuũ ♂

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	Locus			Ẽq̃tio		ad di.		ad ho		Lati.		Ẽq̃tio		Elõgatõ			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		meri.		adde		☉			adde	
500	3	30	21	2	12	35	12	1	28	0	2	1	30	4	41	52	0	6
																	minue	
510	3	36	13	1	18	36	24	1	31	0	8	1	36	4	45	33	0	36
				adde														
520	3	42	17	0	12	38	30	1	36	0	15	1	18	4	49	1	1	54
530	3	48	42	0	48	39	12	1	38	0	19	1	24	4	52	10	2	18
540	3	55	14	1	36	40	18	1	41	0	24	1	12	4	55	15	2	42
550	4	1	57	2	6	41	0	1	43	0	28	1	0	4	58	12	2	54
560	4	8	47	3	36	41	48	1	45	0	30	0	48	5	1	5	4	0
570	4	15	45	4	24	43	18	1	48	0	32	0	36	5	3	55	4	30
580	4	22	48	4	54	43	36	1	49	0	32	0	36	5	6	32	4	36
590	4	30	14	5	58	44	24	1	51	0	31	0	36	5	9	11	5	12
600	4	37	38	6	18	45	0	1	53	0	31	0	30	5	11	45	5	12
610	4	45	8	7	6	45	6	1	46	0	30	0	18	5	14	17	5	36
620	4	52	39	8	0	46	0	1	56	0	28	0	18	5	16	53	6	18
630	5	0	22	8	0	46	30	1	56	0	27	0	6	5	19	18	6	0
640	5	8	7	8	12	46	30	1	56	0	25	0	6	5	21	45	6	0
650	5	15	52	8	12	46	54	1	57	0	22	0	12	5	24	11	5	54
660	5	23	41	8	12	47	0	1	57	0	20	0	0	5	26	36	5	48
												minue						
670	5	31	31	8	6	46	36	1	56	0	18	0	6	5	29	2	5	48
680	5	39	17	8	12	47	0	1	57	0	15	0	6	5	31	30	6	6
690	5	47	7	7	24	46	42	1	57	0	13	0	6	5	33	52	5	18
700	5	54	54	6	54	46	18	1	56	0	11	0	12	5	36	18	5	6
710	0	2	37	6	36	46	18	1	56	0	8	0	0	5	38	44	5	6
720	0	10	20	6	18	45	42	1	54	0	6	0	0	5	41	6	5	6
730	0	17	59	5	30	45	48	1	54	0	5	0	6	5	43	30	4	42
740	0	25	37	4	42	45	18	1	54	0	4	0	6	5	45	51	4	18
750	0	33	10	3	36	44	48	1	52	0	3	0	6	5	48	14	3	42
760	0	40	38	2	54	44	6	1	50	0	2	0	6	5	50	36	3	18
770	0	47	59	2	30	43	54	1	49	0	1	0	6	5	53	3	3	12
779	0	54	34	1	42			1	49	0	1	0	6	5	55	15	2	48

♂

								3		30								
	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		meri.		mi9		☉			mi9	
0	0	3	39	5	54	46	0	1	55	0	2	0	0	5	58	27	5	30
10	0	11	19	5	36	46	6	1	55	0	1	0	0	0	0	42	5	42
20	0	19	0	4	48	45	36	1	54	0	1	0	0	0	2	52	5	12
30	0	26	36	4	0	45	6	1	53	0	2	0	6	0	5	3	4	42
40	0	34	7	3	18	44	36	1	52	0	2	0	6	0	7	17	4	24
50	0	41	33	2	24	44	0	1	50	0	2	0	6	0	9	31	3	54
60	0	48	33	1	48	43	36	1	49	0	2	0	6	0	11	47	3	24
70	0	56	9	1	6	43	24	1	48	0	1	0	6	0	14	7	3	0
80	1	3	23	0	6	42	30	1	46	0	1	0	12	0	16	25	2	12
				mi9						sept.		adde						
90	1	12	28	0	36	42	0	1	45	0	0	0	12	0	18	52	1	30
100	1	17	28	1	6	41	30	1	44	0	1	0	18	0	21	23	1	0
110	1	24	23	1	54	41	12	1	43	0	2	0	18	0	23	58	0	18
																	adde	
120	1	31	15	3	6	40	18	1	41	0	4	0	24	0	26	36	1	0
130	1	37	58	3	42	39	42	1	39	0	7	0	24	0	29	23	1	42
140	1	44	35	4	0	39	24	1	38	0	10	0	18	0	32	17	2	18
150	1	51	9	4	42	38	42	1	37	0	13	0	24	0	35	18	3	6
160	1	57	36	5	30	37	54	1	34	0	16	0	30	0	38	28	4	6
170	2	3	55	5	48	37	36	1	34	0	21	0	24	0	41	47	4	54
180	2	10	11	6	24	36	42	1	32	0	25	0	30	0	45	13	5	48
190	2	16	18	6	54	36	18	1	31	0	30	0	30	0	48	51	6	36
200	2	22	21	7	24	35	12	1	28	0	37	0	30	0	52	37	7	36
210	2	28	13	7	48	34	30	1	26	0	43	0	36	0	56	38	8	18
220	2	33	58	8	24	33	18	1	23	0	51	0	30	1	0	49	9	18
230	2	39	31	8	36	32	42	1	22	1	0	0	30	1	5	16	9	54
240	2	44	58	9	36	31	18	1	18	1	7	0	36	1	9	53	11	12
250	2	50	11	9	48	29	18	1	13	1	16	0	42	1	14	48	11	42
260	2	55	4	10	12	28	24	1	11	1	29	0	18	1	20	5	12	18
270	2	59	48	11	0	25	36	1	4	1	40	0	30	1	25	33	13	12

Reliduum ♂

3 30

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			minue		adde		adde		sept.		adde		☉			adde	
280	3	4	4	11	18	23	24	0	58	1	54	0	12	1	31	31	13	42
290	3	7	58	11	42	20	48	0	52	2	6	0	18	1	37	52	14	6
300	3	11	26	12	36	16	18	0	41	2	22	0	24	1	44	36	14	36
310	3	14	9	13	36	11	54	0	29	2	34	0	12	1	52	8	15	42
320	3	16	8	14	18	6	6	0	15	2	52	0	6	2	0	21	16	12
												minue						
330	3	17	9	15	42	3	0	0	7	3	6	0	18	2	9	31	17	18
	retrog̃d⁹					minue		minue										
333	3	17	18	18	18	2	20	0	6	3	9	0	30	2	12	24	18	1
340	3	17	2	17	12	8	48	0	22	3	20	1	12	2	19	45	18	36
350	3	15	34	18	48	15	48	0	39	3	28	1	24	2	31	18	19	42
360	3	12	56	19	6	20	54	0	52	3	34	2	24	2	43	57	19	36
370	3	9	27	20	12	23	54	1	0	3	27	2	30	2	57	22	20	24
380	3	5	28	19	42	20	42	0	42	3	13	2	36	3	11	15	19	30

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3 30

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue		minue		sept.		minue		☉			adde	
390	3	2	1	18	42	14	42	0	37	2	53	3	0	3	24	31	18	6
400	2	59	34	16	36	7	48	0	19	2	32	3	18	3	16	43	14	42
410	2	58	16	13	30	0	20	0	1	2	8	3	42	3	47	44	12	12
	Direct⁹					adde		adde										
416	2	58	14	12	12	5	0	0	12	1	49	3	18	3	53	33	10	48
420	2	58	34	11	54	8	6	0	20	1	38	3	6	3	57	4	10	18
430	2	59	55	10	24	14	12	0	35	1	14	2	42	4	5	18	8	42
440	3	2	17	8	6	18	42	0	47	0	54	2	24	4	12	32	6	12
450	3	5	24	6	0	24	36	1	1	0	36	2	12	4	18	57	3	54
460	3	7	30	5	42	29	54	1	7	0	22	2	12	4	24	22	3	30
470	3	13	59	4	30	29	42	1	14	0	10	2	6	4	29	22	2	24
480	3	18	56	3	30	31	48	1	20	0	0	2	6	4	33	55	1	24
										meri.		adde					minue	
490	3	24	14	1	22	34	30	1	26	0	10	1	42	4	33	8	0	54

Residuū ♂

3 30

	Locus			Eq̃tio		ad di.		ad ho		Lati:		Eq̃tio		Elõgatio			Eq̃tio	
Dies	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			minue		adde		adde		meri.		adde		☉			minue	
500	3	29	59	0	36	36	6	1	30	0	17	1	42	4	41	53	1	18
				adde														
510	3	36	0	0	30	37	54	1	35	0	24	1	36	4	45	27	2	12
520	3	42	19	1	36	39	6	1	38	0	28	1	30	4	48	42	3	6
530	3	48	50	2	12	40	0	1	40	0	33	1	12	4	51	47	3	18
540	3	55	30	3	0	40	48	1	42	0	36	1	6	4	54	48	3	48
550	4	2	18	3	48	42	30	1	46	0	38	1	0	4	57	43	4	12
560	4	9	23	4	54	42	36	1	47	0	38	0	54	5	0	25	4	0
570	4	16	29	6	6	43	48	1	49	0	38	0	48	5	3	10	5	42
580	4	23	47	6	12	44	36	1	51	0	38	0	36	5	5	46	5	30
590	4	31	13	7	0	44	48	1	52	0	37	0	30	5	8	19	5	54
600	4	38	41	7	36	45	48	1	54	0	36	0	24	5	10	53	6	6
610	4	46	19	7	48	46	0	1	55	0	33	0	18	5	13	21	6	6
620	4	53	59	8	18	46	18	1	56	0	31	0	12	5	15	50	6	18
630	5	1	42	8	24	46	42	1	57	0	28	0	6	5	18	18	6	12
640	5	9	29	8	18	46	30	1	57	0	26	0	0	5	20	45	6	0
												minue						
650	5	17	14	8	36	46	54	1	57	0	24	0	6	5	23	12	6	12
660	5	25	3	8	12	46	54	1	57	0	20	0	0	5	25	38	5	54
670	5	32	52	7	36	46	42	1	57	0	17	0	6	5	28	4	5	30
680	5	40	39	7	12	46	12	1	56	0	14	0	6	5	30	29	5	6
690	5	48	21	6	54	46	12	1	55	0	12	0	12	5	32	59	5	6
700	5	56	3	6	36	46	0	1	55	0	9	0	6	5	35	27	5	6
710	0	3	43	6	0	46	0	1	55	0	8	0	12	5	37	53	4	54
720	0	11	23	5	0	45	6	1	53	0	6	0	12	5	40	15	4	12
730	0	18	54	3	54	45	0	1	52	0	4	0	12	5	42	43	3	30
740	0	26	24	3	6	44	12	1	51	0	3	0	12	5	45	8	3	12
750	0	33	46	2	42	44	6	1	50	0	2	0	6	5	47	37	3	6
760	0	41	7	2	0	43	42	1	49	0	1	0	0	5	50	3	2	42
										sept.		adde						
770	0	48	24	1	12	43	0	1	48	0	0	0	6	5	52	31	2	18
779	0	54	51	0	42			1	48	0	0	0	12	5	54	47	2	12

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3 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	directus			adde		adde		adde		meri.		minue		☉			minue	
0	0	4	38	5	6	45	42	1	54	0	2	0	0	5	57	32	5	12
10	0	12	15	4	24	45	18	1	53	0	1	0	0	5	59	45	4	48
20	0	19	48	3	30	44	48	1	52	0	1	0	0	0	2	0	4	18
30	0	27	16	2	42	44	24	1	51	0	1	0	6	0	4	16	3	48
40	0	34	40	2	6	43	42	1	49	0	1	0	6	0	6	33	3	36
50	0	41	57	2	24	43	24	1	48	0	1	0	6	0	8	52	3	0
60	0	49	11	0	42	42	54	1	47	0	1	0	12	0	11	13	2	36
				minue						sept.		adde						
70	0	56	20	0	6	42	24	1	46	0	0	0	12	0	13	37	2	0
80	1	3	24	0	36	41	48	1	45	0	1	0	12	0	16	3	0	30
90	1	10	22	1	30	41	30	1	44	0	2	0	12	0	18	37	0	36
																	adde	
100	1	17	17	2	30	40	42	1	42	0	4	0	12	0	21	13	0	18
110	1	24	4	3	13	40	0	1	40	0	5	0	18	0	23	55	1	6
120	1	30	44	3	30	39	42	1	39	0	8	0	12	0	26	46	1	30
130	1	37	21	4	12	39	24	1	38	0	11	0	12	0	29	40	2	30
143	1	43	55	5	0	38	42	1	37	0	13	0	24	0	32	40	3	24
150	1	50	22	5	30	37	54	1	35	0	17	0	18	0	35	49	4	12
160	1	56	41	5	54	37	36	1	34	0	21	0	24	0	39	9	5	0
170	2	2	47	6	36	37	0	1	33	0	25	0	24	0	42	36	6	0
180	2	9	7	7	0	36	12	1	31	0	30	0	30	0	46	11	6	42
190	2	15	9	7	24	35	48	1	29	0	35	0	30	0	49	57	7	36
200	2	21	7	7	54	34	48	1	27	0	42	0	30	0	53	53	8	24
210	2	26	55	8	30	33	54	1	25	0	48	0	30	0	58	1	9	24
220	2	32	34	8	54	33	6	1	23	0	56	0	36	1	2	22	10	18
230	2	38	5	9	0	31	42	1	19	1	5	0	24	1	6	55	10	36
240	2	43	22	9	12	31	6	1	18	1	13	0	24	1	11	45	11	6
250	2	48	33	10	0	28	54	1	12	1	23	0	18	1	16	45	12	6
260	2	53	22	10	6	27	36	1	9	1	32	0	24	1	22	8	12	18
270	2	57	58	10	24	25	18	1	3	1	45	0	24	1	27	45	12	48

Residuū ♂

3 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹		mīue		adde		adde		sept.		mīue		☉			adde		
280	3	2	11	10	20	23	0	0	57	1	56	0	18	1	33	48	12	54
290	3	6	1	11	12	20	12	0	51	2	9	0	0	1	40	13	13	24
												mīue						
300	3	9	23	11	54	15	0	0	38	2	26	0	30	1	47	2	14	0
310	3	11	53	12	0	11	12	0	28	2	36	0	12	1	54	45	13	54
320	3	13	45	13	0	4	42	0	12	2	53	0	54	2	3	3	14	36
	retrog̃d⁹				mīue		mīue											
330	3	14	32	14	24	2	12	0	5	3	3	1	30	2	12	24	15	48
340	3	14	10	15	12	10	24	0	26	3	8	1	24	2	22	51	16	6
350	3	12	26	15	54	16	16	0	40	3	14	2	12	2	34	35	16	24
360	3	9	45	17	48	22	0	0	55	3	10	1	54	2	47	13	18	0
370	3	6	5	17	48	23	24	0	59	3	2	3	0	3	0	46	17	36
380	3	2	11	17	48	19	42	0	49	2	47	3	36	3	14	30	16	12

♂

3 40

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m	m	2
es	retrog̃d⁹		mīue		mīue		mīue		sept.		mīue		☉			adde		
390	2	58	54	14	30	12	36	0	32	2	23	3	48	3	27	32	13	36
400	2	56	48	13	18	4	42	0	12	1	59	3	0	3	39	20	12	0
410	2	56	1	12	24	0	15	0	1	1	31	3	30	3	49	46	10	48
	Directus				adde		adde											
414	2	56	0	10	24	5	50	0	15	1	21	3	18	3	53	39	8	30
420	2	56	36	10	0	9	36	0	24	1	7	1	12	3	58	47	8	18
430	2	58	11	7	30	13	30	0	41	0	47	3	0	4	6	45	5	30
440	3	0	56	6	24	20	48	0	52	0	30	2	42	4	13	34	4	18
450	3	4	24	5	48	24	54	1	2	0	14	2	48	4	19	36	3	36
										meri.		adde						
360	3	8	33	3	36	28	6	1	10	0	0	2	30	4	24	57	1	18
470	3	13	14	3	12	30	42	1	17	0	11	2	24	4	29	46	0	6
															mīue			
480	3	18	21	0	24	34	6	1	25	0	21	2	0	4	34	9	1	42
490	3	24	2	0	0	35	6	1	28	0	27	2	0	4	37	59	1	54

Residuum ♂

3 40

	Locus			Æq̃tio		ad vi.		ad ho.		Lati.		Æq̃tio		Elõgatio			Æq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde			☉		mīue	
500	3	29	53	1	18	37	12	1	33	0	34	1	54	4	41	40	2	54
510	3	36	5	1	48	39	0	1	38	0	40	1	56	4	45	5	3	18
520	3	42	35	2	48	39	42	1	39	0	43	1	18	4	48	11	3	54
530	3	49	12	3	30	40	48	1	42	0	45	1	12	4	51	14	4	18
540	3	56	0	5	0	41	36	1	44	0	47	1	0	4	54	10	5	24
550	4	2	56	6	6	43	36	1	49	0	48	0	48	4	57	1	6	12
560	4	10	12	6	0	43	48	1	50	0	47	0	42	4	59	35	5	36
570	4	17	30	6	54	43	54	1	50	0	46	0	30	5	2	13	6	12
580	4	24	49	8	0	45	24	1	53	0	44	0	36	5	4	51	6	54
590	4	32	23	8	0	45	24	1	54	0	42	0	18	5	7	20	6	30
600	4	39	57	8	42	46	0	1	56	0	40	0	12	5	9	52	6	0
610	4	47	37	8	36	46	30	1	56	0	36	0	18	5	12	50	6	36
610	4	55	22	8	30	46	24	1	56	0	33	0	0	5	14	47	6	18
630	5	3	6	8	48	46	36	1	57	0	29	0	0	5	17	16	6	30
												mīue						
640	5	10	52	8	42	46	48	1	57	0	26	0	6	5	19	45	6	18
650	5	18	40	8	6	46	30	1	56	0	23	0	12	5	22	10	5	48
660	5	26	25	7	42	46	18	1	56	0	20	0	12	5	24	39	5	36
670	5	34	8	7	6	46	18	1	56	0	16	0	12	5	27	9	5	0
680	5	41	51	6	54	45	54	1	55	0	13	0	12	5	29	38	5	6
690	5	49	30	6	18	45	54	1	55	0	10	0	12	5	32	8	4	48
700	5	57	9	5	24	45	24	1	54	0	8	0	12	5	34	36	4	18
710	0	4	43	4	6	45	0	1	52	0	6	0	12	5	37	4	3	24
720	0	12	12	3	24	44	0	1	50	0	4	0	12	5	39	33	3	0
730	0	19	33	3	12	44	12	1	49	0	2	0	6	5	42	8	3	18
740	0	26	55	2	30	43	48	1	49	0	1	0	6	5	44	36	2	54
750	0	34	13	1	30	43	24	1	48	0	2	0	6	5	47	6	2	12
										sept.		adde						
760	0	41	27	0	54	42	54	1	47	0	0	0	6	5	49	36	2	0
770	0	48	55	0	6	42	24	1	46	0	1	0	0	5	52	8	1	36
				mīue														
779	0	54	58	0	48			1	46	0	2	0	0	5	54	25	1	0

♂

3 50

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		meri.		mine		☉			adde	
0	0	5	29	4	0	45	0	1	52	0	2	0	6	5	56	40	4	24
10	0	12	59	2	54	44	24	1	51	0	1	0	0	5	58	57	3	42
20	0	20	23	2	18	44	0	1	50	0	1	0	6	0	1	17	3	24
30	0	27	47	1	42	43	48	1	49	0	0	0	0	0	3	38	3	12
										sept.		adde						
40	0	35	1	0	54	43	0	1	48	0	0	0	0	0	5	57	2	30
50	0	42	11	0	18	42	42	1	47	0	0	0	6	0	8	22	2	12
				mine														
60	0	49	18	0	24	42	6	1	45	0	1	0	0	0	10	47	1	42
70	0	56	19	1	18	41	54	1	45	0	2	0	12	0	13	17	0	48
80	1	3	8	2	24	40	54	1	42	0	3	0	12	0	15	58	0	42
90	1	10	7	3	0	40	30	1	41	0	4	0	18	0	18	31	0	48
100	1	16	52	3	36	40	0	1	40	0	6	0	18	0	21	16	1	30
110	1	23	32	4	0	39	42	1	39	0	8	0	12	0	24	6	2	30
120	1	30	9	4	42	39	0	1	38	0	10	0	18	0	27	1	3	0
130	1	36	39	5	24	38	36	1	37	0	13	0	24	0	30	5	3	48
140	1	43	50	5	54	38	12	1	36	0	17	0	12	0	33	14	4	36
150	1	49	27	6	0	37	30	1	34	0	24	0	24	0	36	31	5	6
160	1	55	45	6	36	36	54	1	32	0	25	0	24	0	39	59	6	0
170	2	1	51	7	0	36	36	1	31	0	29	0	24	0	43	36	6	42
180	2	7	57	7	30	35	48	1	30	0	35	0	18	0	47	18	7	42
190	2	13	55	7	48	35	18	1	28	0	40	0	24	0	51	13	8	18
200	2	19	48	8	24	34	12	1	26	0	47	0	24	0	55	17	9	18
210	2	25	30	8	24	33	30	1	24	0	54	0	18	0	59	35	9	48
220	2	31	5	8	30	33	0	1	22	1	2	0	18	1	4	5	10	6
230	2	36	35	9	12	31	30	1	19	1	9	0	18	1	8	41	11	6
240	2	41	50	9	12	30	18	1	16	1	17	0	18	1	13	36	11	18
250	2	46	53	9	12	28	48	1	12	1	26	0	12	1	18	46	11	24
260	2	51	41	9	18	27	18	1	8	1	36	0	12	1	24	11	11	42
												mine						
270	2	56	14	9	48	25	12	1	3	2	49	0	24	1	29	53	12	12

Reſiduū ♂

3 50

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			minue		adde		adde		ſept.		minue		☉			minue	
280	3	0	26	9	54	22	18	0	56	1	59	0	6	1	35	57	12	6
290	3	4	9	10	12	19	30	0	49	2	9	0	24	1	42	27	12	18
300	3	7	24	10	42	14	54	0	37	2	21	0	30	1	49	22	12	36
310	3	9	53	11	12	10	18	0	25	2	34	1	6	1	57	4	12	48
320	3	11	35	11	48	4	45	0	12	2	44	1	24	2	5	29	13	12
	retrogd'					minue		minue										
32[illegible]	3	12	13	12	30	2	0	0	5	2	48	1	36	2	12	56	13	30
330	3	12	18	12	0	3	0	0	8	2	48	1	30	2	15	2	13	54
340	3	11	38	13	12	11	6	0	28	2	56	2	0	2	27	32	12	42
350	3	9	47	13	6	18	0	0	45	2	52	2	42	2	40	16	13	18
360	3	6	47	13	30	22	0	0	55	2	51	3	24	2	50	13	13	12
370	3	3	7	14	6	22	24	0	56	2	32	3	30	3	3	42	13	24
380	2	59	23	12	36	17	24	0	44	2	11	3	48	3	17	12	11	42

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3 50

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrogd'			minue		minue		minue		ſept.		minue		☉			adde	
390	2	56	29	12	18	11	24	0	29	1	45	3	36	3	29	48	11	0
400	2	54	35	10	12	3	48	0	10	1	19	3	24	3	41	20	8	36
410	2	53	57	7	18	0	0	0	0	0	56	3	12	3	51	37	5	36
	directus					adde		adde										
411	2	53	57	6	42	6	30	0	16	0	54	3	12	3	52	31	5	24
420	2	54	55	6	54	12	6	0	30	0	35	3	12	4	0	10	4	54
430	2	56	56	5	36	17	36	0	44	0	17	3	6	4	7	40	3	30
440	2	59	52	4	54	21	24	0	54	0	3	3	24	4	14	17	2	42
										meri.		adde					minue	
450	3	3	26	2	0	27	6	1	8	0	14	2	48	4	20	12	2	6
460	3	7	57	1	24	29	30	1	14	0	25	2	42	4	25	12	0	42
470	3	12	52	0	0	32	30	1	21	0	35	2	30	4	29	47	2	6
				adde														
480	3	18	17	1	12	34	30	1	26	0	41	2	18	4	33	52	3	6
490	3	24	2	0	54	36	24	1	31	0	47	2	0	4	37	40	3	30

Residuū ♂

3 50

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		adde		☉			minue	
500	3	30	6	2	42	37	45	1	34	0	53	1	36	4	41	11	4	12
510	3	36	23	3	36	40	0	1	40	0	56	1	18	4	44	32	4	42
520	3	43	3	4	30	40	24	1	41	0	56	1	24	4	47	32	5	18
53	3	49	47	5	54	42	18	1	46	0	57	1	12	4	50	31	4	18
540	3	56	50	6	24	42	42	1	47	0	57	0	54	4	53	16	6	30
550	4	3	57	7	12	43	30	1	46	0	56	0	54	4	55	59	6	48
560	4	11	12	8	6	44	42	1	12	0	54	0	42	4	58	39	7	24
570	4	18	39	8	12	45	0	1	53	0	51	0	36	5	1	11	7	6
580	4	26	9	9	0	45	24	1	34	0	50	0	12	5	3	42	7	30
590	4	33	43	8	54	46	6	1	55	0	45	0	24	5	6	15	7	12
600	4	41	24	8	36	45	54	1	55	0	42	0	0	5	8	42	6	36
												minue						
610	4	49	3	9	12	46	24	1	56	0	39	0	6	5	11	14	7	0
620	4	56	47	9	18	46	42	1	57	0	33	0	6	5	13	44	7	0
630	5	4	34	8	36	46	30	1	57	0	29	0	18	5	16	11	6	12
640	5	12	19	8		46	12	1	56	0	25	0	18	5	18	42	5	42
650	5	20	1	7	42	46	6	1	55	0	21	0	12	5	21	12	5	36
660	5	27	42	7	30	45	42	1	54	0	18	0	18	5	23	43	5	24
670	5	35	19	7	0	46	6	1	55	0	14	0	18	5	26	19	5	12
680	5	43	0	5	48	45	18	1	53	0	11	0	18	5	28	47	4	18
690	5	50	33	4	42	45	0	1	53	0	8	0	18	5	31	20	3	36
700	5	58	3	3	58	44	1	1	50	0	6	0	18	5	33	53	3	6
710	0	5	24	3	30	44	18	1	51	0	4	0	18	5	36	30	3	6
720	0	12	47	2	42	43	48	1	50	0	2	0	12	5	39	3	2	54
730	0	20	5	1	54	43	30	1	47	0	1	0	12	5	41	35	2	18
										sept.		adde						
740	0	27	20	1	12	42	48	1	47	0	0	0	12	5	44	7	1	54
750	0	34	27	0	30	42	48	1	47	0	0	0	18	5	46	44	1	36
				minue														
760	0	41	36	0	36	42	6	1	45	0	1	0	18	5	49	16	0	24
770	0	48	37	1	30	41	24	1	43	0	1	0	18	5	51	52	0	6
779	0	54	50	5	6			1	43	0	2	0	18	5	54	15	0	12

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4 0

	Locus			Etio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		mine		☉			mĩue	
0	0	6	9	2	30	43	54	1	50	0	1	0	0	5	55	56	3	18
10	0	13	28	2	0	43	48	1	49	0	1	0	6	5	28	20	3	6
20	0	20	46	1	18	43	24	1	48	0	0	0	0	0	0	49	1	48
										sept.		adde						
30	0	28	0	0	36	43	0	1	47	0	0	0	6	0	3	6	2	12
				mĩue														
40	0	35	10	0	12	42	24	1	46	0	0	0	6	0	5	32	1	42
50	0	42	14	1	6	42	0	1	45	0	1	0	12	0	8	0	1	0
60	0	49	14	2	6	41	12	1	43	0	2	0	12	0	10	30	0	0
																	adde	
70	0	56	6	2	35	40	48	1	42	0	4	0	6	0	13	9	0	30
80	1	2	54	3	12	40	18	1	41	0	5	0	12	0	15	51	1	0
90	1	9	37	3	42	39	54	1	40	0	7	0	12	0	18	39	1	36
100	1	16	16	4	30	39	36	1	39	0	9	0	12	0	21	31	2	30
110	1	22	52	5	18	39	0	1	38	0	10	0	18	0	24	26	3	36
120	1	29	22	5	42	38	18	1	36	0	13	0	18	0	27	31	4	6
130	1	35	45	5	48	38	6	1	35	0	17	0	6	0	30	43	4	30
140	1	42	6	6	12	38	6	1	35	0	19	0	24	0	34	0	5	18
150	1	48	27	7	0	36	54	1	32	0	24	0	18	0	37	22	6	24
160	1	54	36	7	12	36	30	1	31	0	29	0	12	0	40	59	6	54
170	2	0	41	7	24	36	6	1	30	0	33	0	18	0	44	43	7	36
180	2	6	42	7	48	35	30	1	29	0	38	0	18	0	48	35	8	18
190	2	12	37	8	6	34	42	1	27	0	44	0	18	0	52	32	9	0
200	2	18	24	8	18	34	6	1	25	0	51	0	12	0	56	50	9	42
210	2	24	6	8	36	33	24	1	23	0	57	0	18	1	1	13	10	12
220	2	29	40	8	36	32	18	1	21	1	5	0	18	1	2	46	10	30
230	2	35	3	8	36	31	30	1	19	1	12	0	12	1	10	32	10	42
240	2	40	18	8	30	30	18	1	16	1	20	0	12	1	15	29	10	42
250	2	45	21	8	54	28	42	1	12	1	28	0	6	1	20	40	11	18
260	2	50	8	8	42	26	48	1	7	1	38	0	0	1	26	8	11	6
												mĩue						
270	2	54	36	8	54	25	6	1	3	1	45	0	6	1	31	55	11	6

4 0

	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			mīue		adde		adde		ſept.		mīue		☉			adde	
280	2	58	47	9	30	22	0	0	55	1	58	0	24	1	37	58	11	36
290	3	2	27	8	30	19	0	0	48	2	5	0	42	1	44	30	10	24
300	3	5	37	9	36	14	24	0	36	2	16	1	0	1	51	28	11	12
310	3	8	1	9	18	9	36	0	24	2	23	1	18	1	59	12	10	42
320	3	9	37	9	30	5	10	0	12	2	30	1	48	2	7	41	10	24
	retrog̃dꝰ					mīue		mīue										
326	3	10	8	9	12	0	0	0	0	2	32	1	54	2	13	11	9	48
330	3	10	8	9	12	4	12	0	10	2	33	2	12	2	17	11	9	42
340	3	9	26	9	6	11	0	0	28	2	34	2	48	2	27	49	9	18
350	3	7	36	10	18	18	24	0	36	2	35	3	12	2	39	32	10	0
360	3	4	32	10	12	22	30	0	56	2	17	4	12	2	52	25	9	36
370	3	0	47	10	6	21	0	0	53	1	57	4	24	3	5	56	9	12
380	2	57	17	9	36	17	6	0	54	1	33	4	18	3	19	9	8	18

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4 0

	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrog̃dꝰ			mīue		mīue		mīue		ſept.		mīue		☉			adde	
390	2	54	25	7	18	9	18	0	23	1	9	4	6	3	31	38	5	42
400	2	52	53	5	54	0	54	0	2	0	45	3	42	3	42	46	4	12
	Directus					adde		adde										
410	2	52	44	6	18	6	12	0	15	0	24	4	18	3	52	30	4	18
420	2	53	46	4	18	13	24	0	33	0	3	3	54	4	0	59	2	12
										mert.		adde						
430	2	56	0	2	48	18	18	0	18	0	14	4	30	4	8	15	0	36
																	mīue	
440	2	59	3	1	18	24	18	1	1	0	31	3	18	4	14	44	0	48
450	3	3	6	0	48	27	42	1	9	0	42	3	6	4	20	11	1	18
				adde														
460	3	7	43	1	6	30	54	1	17	0	52	3	0	4	25	5	3	12
470	3	12	52	1	54	33	42	1	34	1	0	2	42	4	29	26	3	48
480	3	18	29	2	6	35	12	1	28	1	4	2	12	4	33	21	3	42
490	3	24	21	3	18	37	12	1	33	1	7	1	54	4	37	5	4	48

Residuũ ♂

4 0

	Locus			Equatio		ad di.		ad ho		Lati.		Equatio		Elongato			Equatio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct'			adde		adde		adde		meri.		adde		☉			minue	
500	3	30	33	4	36	38	36	1	36	1	19	1	30	4	40	29	5	42
510	3	36	59	6	36	40	54	1	42	1	9	1	42	4	43	45	7	24
520	3	43	48	6	36	41	48	1	44	1	10	1	12	4	46	39	7	0
530	3	50	46	7	12	42	48	1	47	1	9	1	0	4	49	28	7	18
540	3	57	54	8	0	43	30	1	49	1	6	0	42	4	52	11	7	36
550	4	5	9	8	36	44	22	1	51	1	5	0	30	4	54	51	7	54
560	4	12	33	8	54	44	48	1	52	1	1	0	18	4	57	25	7	48
570	4	20	1	9	18	45	48	1	54	0	57	0	12	5	0	0	7	48
												minue						
580	4	27	39	9	0	45	18	1	53	0	52	0	6	5	2	27	7	18
590	4	35	12	9	30	45	48	1	54	0	49	0	12	5	5	3	7	30
600	4	42	50	10	0	46	30	1	56	0	42	0	12	5	7	36	7	48
610	4	50	35	9	0	46	30	1	56	0	38	0	24	5	10	4	6	48
620	4	58	20	8	12	46	0	1	55	0	32	0	18	5	12	34	5	48
630	5	6	0	7	54	45	54	1	55	0	26	0	18	5	15	9	5	36
640	5	13	39	7	42	45	54	1	55	0	23	0	24	5	17	45	5	30
650	5	21	18	7	12	45	54	1	55	0	19	0	30	5	20	16	5	6
660	5	28	57	6	18	45	12	1	53	0	15	0	30	5	22	49	4	30
670	5	36	29	5	6	44	54	1	52	0	11	0	24	5	25	27	3	36
680	5	43	58	4	0	44	12	1	51	0	8	0	14	5	28	4	2	54
690	5	51	20	3	48	44	6	1	50	0	5	0	18	5	30	44	3	6
700	5	58	41	3	12	43	48	1	49	0	3	0	12	5	33	22	2	48
710	0	5	59	2	18	43	36	1	49	0	1	0	12	5	35	59	2	24
										sept.		adde						
720	0	13	15	1	30	42	54	1	47	0	0	0	18	5	38	34	1	54
730	0	20	24	0	42	42	48	1	47	0	1	0	18	5	41	12	1	24
				minue														
740	0	27	32	0	18	42	6	1	45	0	2	0	12	5	43	48	0	48
750	0	34	33	1	12	41	42	1	44	0	3	0	12	5	46	28	0	18
																	adde	
760	0	41	30	1	54	41	12	1	43	0	4	0	12	5	49	7	0	18
770	0	48	22	2	30	40	48	1	42	0	4	0	12	5	51	51	0	36
779	0	54	29	3	6			1	42	0	5	0	12	5	54	13	1	00

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4 10

	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		meri.		minue		☉			minue	
0	0	6	24	1	36	43	24	1	48	0	1	0	6	5	55	23	2	42
										sept.		adde						
10	0	13	48	0	48	43	6	1	48	0	0	0	6	5	57	49	2	18
20	0	20	59	0	12	42	42	1	47	0	0	0	6	0	0	25	2	54
				minue														
30	0	28	6	0	48	42	12	1	46	0	1	0	6	0	2	44	1	6
40	0	35	.8	1	42	41	30	1	44	0	1	0	12	0	5	15	0	24
																	adde	
50	0	42	3	2	30	41	0	1	43	0	3	0	6	0	7	50	0	24
60	0	48	53	2	54	40	42	1	42	0	4	c	12	0	10	30	0	48
70	0	55	40	3	36	40	12	1	41	0	5	0	18	0	13	14	1	24
80	1	2	22	4	12	39	48	1	40	0	7	0	15	0	16	1	2	6
90	1	9	0	4	54	39	6	1	38	0	9	0	12	0	18	55	2	54
100	1	15	31	5	6	38	48	1	37	0	11	0	12	0	21	56	3	24
110	1	21	59	5	30	38	36	1	36	0	13	0	12	0	25	2	3	54
120	1	28	25	6	0	38	12	1	35	0	56	0	12	0	28	12	4	42
130	1	34	47	6	30	37	42	1	34	0	18	0	24	6	31	28	5	36
140	1	41	4	6	54	37	18	1	33	0	23	0	18	0	34	53	6	18
150	1	47	17	7	12	36	42	1	32	0	27	0	12	0	38	26	7	0
160	1	53	24	7	30	36	18	1	31	0	31	0	18	0	42	8	7	42
170	1	59	27	7	42	35	42	1	29	0	36	0	18	0	45	59	8	12
180	2	5	24	7	54	35	12	1	28	0	41	0	18	0	49	58	8	48
190	2	11	16	8	0	34	30	1	26	0	47	0	18	0	54	6	9	24
200	2	17	1	8	12	33	54	1	24	0	53	0	12	0	58	27	9	48
210	2	22	40	8	6	33	24	1	23	1	0	0	18	1	2	55	10	0
220	2	28	14	8	0	32	18	1	21	1	8	0	0	1	7	31	10	6
230	2	33	37	8	0	31	36	1	19	1	14	0	0	1	12	12	10	12
												minue						
240	2	38	53	8	18	29	54	1	15	1	22	0	24	1	17	16	10	42
250	2	43	22	8	6	28	54	1	12	1	29	0	18	1	22	33	10	30
260	2	48	41	8	12	26	36	1	6	1	38	0	30	1	27	59	10	24
270	2	53	7	7	42	24	30	1	1	1	44	0	18	1	33	46	9	48

Residuum ♂

4 10

Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		sept.		adde		☉			adde	
280	2	57	12	7	24	23	0	0	57	1	54	0	0	1	39	54	9	18
290	3	1	2	7	36	17	54	0	44	1	58	1	12	1	46	14	9	12
300	3	4	1	6	42	14	42	0	37	2	6	1	24	1	53	20	8	6
310	3	6	28	6	18	9	24	0	23	2	10	1	54	2	0	59	7	12
320	3	8	2	5	24	5	40	0	14	2	12	2	24	2	9	25	5	54
	retrogd⁹					miue		miue										
326	3	8	36	6	24	0	0	0	0	2	13	3	0	2	14	49	6	24
330	3	8	36	6	12	4	6	0	10	2	11	2	48	2	18	48	6	24
340	3	7	55	6	24	12	12	0	30	2	6	3	24	2	29	22	6	6
350	3	5	53	6	6	18	18	0	46	1	53	3	42	2	41	12	5	30
360	3	2	50	5	54	22	24	0	56	1	35	3	54	2	54	1	5	0
370	3	59	6	4	18	20	30	0	51	1	13	4	18	3	7	28	3	0
380	2	55	41	3	30	14	48	0	37	0	50	4	12	3	20	32	1	54

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Di	Locus			Eqtio		ad di.		ad ho		Lati.		Eqtio		Elógatio			Eqtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd⁹			miue		miue		miue		sept.		miue		☉			adde	
390	2	53	13	3	42	7	54	0	19	0	20	4	36	3	32	35	2	12
400	2	51	58	4	12	1	18	0	3	0	8	5	30	3	43	28	2	12
										meri.		adde					miue	
409	2	51	45	1	18	0	0	0	0	0	14	5	6	3	52	12	0	30
	Direct⁹					adde		adde										
410	2	51	41	1	18	8	12	0	20	0	19	4	36	3	53	13	0	48
420	2	53	3	1	24	14	54	0	37	0	36	4	42	4	1	21	0	48
				adde														
430	2	55	32	0	18	19	48	0	50	0	59	3	24	4	8	21	2	24
440	2	58	50	2	36	24	48	1	2	1	4	3	48	4	14	36	4	42
450	3	2	58	2	54	29	36	1	14	1	13	3	18	4	19	58	5	0
460	3	7	54	2	42	31	42	1	19	1	22	2	42	4	24	33	4	36
470	3	13	11	4	18	33	54	1	24	1	27	2	12	4	28	48	5	54
480	3	18	50	5	12	36	24	1	31	1	26	2	0	4	33	44	6	42
490	3	24	54	6	54	38	30	1	36	1	26	2	0	4	36	17	8	0

Residuū ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		adde		☉			minue	
500	3	31	19	7	0	40	36	1	41	0	24	1	30	4	39	32	7	42
510	3	38	5	7	12	40	54	1	42	0	26	1	12	4	42	31	7	36
520	3	44	54	8	36	42	24	1	46	1	22	0	48	4	45	29	8	42
530	3	51	58	9	0	43	36	1	49	1	19	0	42	4	48	15	8	36
540	3	59	14	9	18	44	6	1	50	1	13	0	30	4	50	55	8	36
550	4	6	35	9	42	44	42	1	52	1	10	0	18	4	55	32	8	36
560	4	14	2	9	48	45	12	1	53	1	4	0	6	4	56	7	8	18
												minue						
570	4	21	34	10	0	45	30	1	54	0	59	0	12	4	58	42	8	12
580	4	29	9	10	6	45	48	1	55	0	51	0	6	5	1	14	8	6
590	4	36	47	9	48	46	12	1	56	0	47	0	24	5	3	48	7	36
600	4	44	30	8	24	45	30	1	54	0	40	0	18	5	6	18	6	6
610	4	52	5	8	42	45	42	1	54	0	34	0	30	5	8	56	6	12
620	4	59	42	8	30	45	42	1	54	0	29	0	36	5	11	36	6	12
630	5	7	19	7	54	45	42	1	54	0	23	0	24	5	14	13	5	42
640	5	14	56	6	42	45	24	1	53	0	18	0	24	5	16	50	4	42
650	5	22	30	5	36	45	0	1	52	0	14	0	30	5	19	25	3	48
660	5	30	0	4	12	44	0	1	50	0	10	0	24	5	22	4	2	42
670	5	37	20	3	54	43	48	1	50	0	7	0	24	5	24	51	2	48
680	5	44	38	3	36	44	0	1	50	0	4	0	18	5	27	35	2	54
690	5	51	58	2	36	43	30	1	49	0	2	0	18	5	30	13	2	12
700	5	59	13	1	48	42	54	1	47	0	1	0	24	5	32	54	1	54
										sept.		adde						
710	0	6	22	1	0	42	48	1	47	0	1	0	18	5	35	35	1	24
720	0	13	30	0	0	42	6	1	45	0	3	0	12	5	38	15	0	12
				minue													adde	
730	0	20	31	1	6	41	48	1	44	0	4	0	12	5	40	58	0	0
740	0	27	29	1	48	41	12	1	43	0	4	0	18	5	43	40	0	18
750	0	34	21	2	18	41	0	1	42	0	5	0	12	5	46	25	0	42
760	0	41	11	2	54	40	36	1	41	0	6	0	6	5	49	10	1	0
770	0	47	57	3	36	40	6	1	40	0	6	0	6	5	51	57	1	30
779	0	53	58	4	12			1	40	0	7	0	6	5	54	28	2	6

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatõ			Eq̃tio	
Dies	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Direct'			adde		adde		adde		sept.		adde		⊙			minue	
0	0	6	50	0	30	42	36	1	47	0	0	0	12	5	54	56	2	0
				minue														
10	0	13	56	0	24	42	30	1	46	0	1	0	6	5	57	26	1	18
20	0	21	1	1	24	41	42	1	44	0	1	0	6	5	59	56	0	30
30	0	27	58	2	6	41	18	1	43	0	2	0	6	0	2	33	0	0
																	adde	
40	0	34	51	2	42	40	42	1	42	0	3	0	6	0	5	11	0	36
50	0	41	38	3	12	40	36	1	41	0	4	0	6	0	7	54	1	6
60	0	48	24	4	0	40	0	1	40	0	6	0	6	0	10	38	1	48
70	0	55	4	4	42	39	36	1	39	0	8	0	6	0	13	28	2	36
80	1	1	40	5	6	39	6	1	38	0	9	0	6	0	16	22	3	12
90	1	8	11	5	30	38	54	1	37	0	11	0	6	0	19	24	3	48
100	1	14	40	6	0	38	24	1	36	0	13	0	12	0	22	30	4	24
110	1	21	4	6	12	38	6	1	35	0	15	0	12	0	25	41	4	54
120	1	27	25	6	48	37	42	1	34	0	18	0	12	0	28	59	5	54
130	1	33	42	6	54	37	18	1	33	0	22	0	12	0	32	24	6	18
140	1	39	55	7	12	37	0	1	32	0	26	0	12	0	35	56	7	0
150	1	46	5	7	24	36	24	1	31	0	29	0	12	0	39	36	7	36
160	1	52	9	7	42	36	6	1	30	0	34	0	18	0	43	25	8	12
170	1	58	10	7	54	35	30	1	29	0	39	0	12	0	47	21	8	48
180	2	4	5	7	54	35	6	1	28	0	44	0	12	0	51	26	9	18
190	2	9	56	7	48	34	18	1	26	0	50	0	6	0	55	40	9	24
200	2	15	39	7	42	34	0	1	25	0	55	0	6	1	0	5	9	36
210	2	21	19	7	30	33	30	1	24	1	3	0	0	1	4	35	9	36
												minue						
220	2	26	54	7	54	32	18	1	21	1	8	0	6	1	9	12	10	12
230	2	32	17	7	30	31	18	1	18	1	14	0	6	1	14	1	9	54
240	2	37	30	7	6	30	6	1	15	1	18	0	12	1	19	3	9	30
250	2	42	31	7	0	28	48	1	12	1	26	0	24	1	24	18	9	12
260	2	47	19	6	42	27	6	1	8	1	33	0	36	1	29	43	8	48
270	2	51	58	6	0	24	48	1	2	1	41	1	6	1	35	24	7	54

Residuū ♂

4 20

	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			minue		adde		adde		sept.		minue		☉			adde	
280	2	55	58	5	6	22	48	0	57	1	44	1	18	1	41	27	6	42
290	2	59	46	5	18	18	48	0	47	1	46	1	18	1	47	46	6	36
300	3	2	54	4	12	15	6	0	38	1	52	1	48	1	54	41	5	6
310	3	5	25	3	36	10	18	0	26	1	51	2	0	2	2	11	4	6
320	3	7	8	3	30	3	40	0	9	1	48	2	54	2	10	24	3	42
	retrog̃d⁹					minue		minue										
327	3	7	34	2	24	0	0	0	9	1	43	3	0	2	16	54	2	12
330	3	7	34	2	24	4	18	0	11	1	43	3	42	2	19	52	2	6
340	3	6	51	1	48	11	54	0	29	1	32	4	0	2	30	23	1	12
																	minue	
350	3	4	52	0	30	18	6	0	45	1	16	4	12	2	42	7	0	24
				adde														
360	3	1	51	1	6	20	48	0	52	0	56	4	18	2	54	51	2	30
370	2	58	23	1	6	19	42	0	49	0	30	5	6	3	7	58	2	42
380	2	55	6	0	36	15	0	0	38	0	8	6	6	3	20	51	2	18

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue		minue		meri.		adde		☉			minue	
390	2	52	36	1	12	8	24	0	21	0	18	5	24	3	32	55	3	12
400	2	51	12	1	36	0	20	0	1	0	47	5	24	3	43	50	3	42
	Directus					adde		adde										
406	2	51	8	2	30	6	0	0	15	1	2	5	0	3	49	32	3	24
410	2	51	21	2	0	8	6	0	20	1	5	5	30	3	53	5	3	30
420	2	52	49	4	24	16	36	0	41	1	23	4	54	4	1	13	6	30
430	2	55	35	3	18	22	6	0	55	1	33	4	24	4	7	57	5	24
440	2	59	16	3	30	25	6	1	3	1	42	3	42	4	13	49	5	36
450	3	3	27	4	48	29	36	1	14	1	46	3	6	4	19	8	6	42
460	3	8	21	6	6	33	18	1	23	1	49	2	30	4	23	47	7	42
470	3	13	54	7	0	34	48	1	27	1	49	2	24	4	27	49	8	30
480	3	19	42	8	30	38	6	1	35	1	46	2	0	4	31	37	9	36
490	3	29	3	8	0	38	36	1	37	1	46	1	36	4	34	57	8	42

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri		adde		⊙			miue	
500	3	32	29	9	42	40	48	1	42	1	39	1	18	4	38	15	10	6
510	3	39	17	9	42	42	18	1	46	1	38	0	42	4	41	15	9	54
520	3	46	20	9	54	42	48	1	47	1	30	0	54	4	44	2	9	30
530	3	53	28	10	36	43	54	1	49	1	26	0	24	4	46	49	9	54
540	4	0	47	10	36	44	30	1	51	1	18	0	18	4	49	29	9	30
												miue						
550	4	8	12	10	30	44	48	1	52	1	13	0	18	4	52	6	9	0
560	4	15	40	11	12	45	24	1	53	1	5	0	12	4	54	44	9	24
570	4	23	14	10	24	45	30	1	54	0	57	0	24	4	57	29	8	18
580	4	30	50	9	30	45	30	1	54	0	50	0	36	4	59	53	7	18
590	4	38	25	9	6	44	54	1	52	0	43	0	36	5	2	32	6	48
600	4	45	54	9	6	45	48	1	54	0	37	0	36	5	5	17	6	42
610	4	53	32	8	30	45	30	1	54	0	29	0	30	5	7	54	6	12
620	5	1	7	7	6	45	6	1	53	0	23	0	30	0	10	34	4	54
630	5	8	38	6	6	44	30	1	51	0	19	0	42	5	13	16	4	6
640	5	16	3	5	6	44	18	1	51	0	14	0	42	5	16	3	3	24
650	5	23	26	4	24	43	36	1	49	0	9	0	30	5	18	47	2	54
660	5	30	42	4	0	43	42	1	49	0	6	0	30	5	21	37	2	54
670	5	37	59	2	54	43	30	1	49	0	3	0	24	5	24	23	2	12
680	5	45	14	2	24	43	0	1	48	0	1	0	24	5	27	6	2	0
										sept.		adde						
690	5	52	24	1	18	42	42	1	47	0	1	0	24	5	29	51	1	24
700	5	59	31	0	24	42	6	1	45	0	3	0	18	5	32	35	0	48
				miue														
710	0	6	32	0	30	41	48	1	44	8	4	0	18	5	35	21	0	18
																	adde	
720	0	13	30	1	30	41	0	1	43	0	5	0	18	5	38	8	0	24
730	0	20	20	1	54	41	6	2	43	0	6	0	12	5	40	58	0	24
740	0	27	11	2	36	40	42	1	42	0	7	0	6	5	43	43	1	0
750	0	33	58	3	24	40	24	1	41	0	7	0	12	5	46	32	1	30
760	0	40	42	4	0	59	54	1	40	0	7	0	6	5	49	20	1	54
770	0	47	21	4	30	39	24	1	39	0	7	0	0	5	52	12	2	24
779	0	53	16	4	54			1	39	0	8	0	0	5	54	49	3	0

♂

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	Locus			Eqtio		ad Di.		ad ho		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		sept.		adde		☉			miue	
0	0	6	55	1	18	41	42	1	44	0	2	0	6	5	54	36	0	24
10	0	13	53	1	54	41	30	1	44	0	2	0	6	5	57	13	0	0
																	adde	
20	0	20	47	2	30	41	0	1	43	0	2	0	6	5	59	51	0	24
30	0	27	37	3	0	40	42	1	42	0	3	0	6	0	2	33	0	54
40	0	34	24	3	36	40	12	1	41	0	4	0	6	0	5	17	1	30
50	0	41	6	4	18	39	48	1	40	0	5	0	12	0	8	5	2	6
60	0	47	44	4	48	39	18	1	38	0	7	0	12	0	10	56	2	42
70	0	54	17	5	12	39	12	1	38	0	9	0	6	0	13	54	3	18
80	1	0	49	5	42	38	42	1	38	0	10	0	12	0	16	54	3	54
90	1	7	16	6	0	38	24	1	36	0	12	0	12	0	20	2	4	24
100	1	13	40	6	30	38	12	1	35	0	15	0	12	0	23	14	5	12
110	1	20	2	6	54	37	30	1	34	0	17	0	12	0	26	30	6	0
120	1	26	17	7	0	37	36	1	34	0	20	0	12	0	29	58	6	24
130	1	32	33	7	18	37	0	1	33	0	24	0	12	0	33	27	7	6
140	1	38	43	7	30	36	48	1	32	0	28	0	6	0	37	6	7	42
150	1	44	51	7	36	36	6	1	30	0	31	0	18	0	40	52	8	6
160	1	50	52	7	30	35	54	1	30	0	37	0	6	0	44	47	8	24
170	1	56	51	7	24	35	30	1	29	0	41	0	6	0	48	49	8	48
180	2	2	46	7	24	35	12	1	28	0	46	0	6	0	52	59	9	0
												miue						
190	2	8	38	7	18	34	24	1	26	0	51	0	0	0	57	14	9	12
200	2	14	22	7	6	34	12	1	25	0	56	0	6	1	1	41	9	12
210	2	20	4	6	54	33	6	1	23	1	3	0	18	1	6	11	9	12
220	2	25	35	6	36	32	42	1	22	1	7	0	12	1	10	54	8	54
230	2	31	2	6	18	31	42	1	19	1	13	0	36	1	15	40	8	42
240	2	36	19	6	6	30	12	1	15	1	16	0	36	1	20	38	8	18
250	2	41	21	5	12	29	6	1	13	1	22	0	42	1	25	50	7	18
260	5	46	12	4	48	27	48	1	9	1	27	0	54	1	31	11	6	42
270	2	50	50	4	30	25	42	1	4	1	30	1	12	1	36	43	6	6

Residuũ ♂

4 30

Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃uo	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			minue		adde		adde		sept.		minue		⊙			adde	
280	2	55	7	2	54	22	36	0	56	1	31	1	30	1	42	34	4	12
290	2	58	53	2	36	19	54	0	50	1	33	2	6	1	48	52	3	30
300	3	2	12	2	6	15	42	0	39	1	34	2	36	1	55	32	2	36
310	3	4	49	0	48	10	24	0	26	1	31	3	6	2	2	52	1	0
				adde													minue	
320	3	6	33	0	30	6	10	0	15	1	29	3	6	2	11	1	0	48
	retrog̃d⁹					minue		minue										
326	3	7	10	0	30	0	0	0	0	1	15	3	24	2	16	17	1	30
330	3	7	10	2	24	3	42	0	9	1	6	3	36	2	20	13	3	0
340	3	6	33	4	12	10	36	0	26	0	52	4	0	2	30	35	5	6
350	3	4	47	6	36	16	30	0	41	0	34	4	42	2	42	3	8	0
360	3	2	2	7	42	20	48	0	52	0	13	6	48	2	54	26	9	18
										meri.		adde						
370	2	58	34	7	42	20	12	0	50	0	21	6	54	3	7	31	9	24
388	2	55	12	6	54	14	24	0	36	0	52	0	12	3	20	28	8	54

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Di	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue		minue		meri.		adde		⊙			minue	
390	2	52	46	6	24	8	0	0	20	1	12	7	12	3	32	23	8	30
	Directus					adde		adde										
400	2	51	28	7	24	1	18	0	3	1	41	6	12	3	43	13	9	36
410	2	51	41	7	48	11	12	0	28	2	0	5	36	3	52	30	9	54
420	2	53	33	6	0	15	30	0	39	2	12	4	24	4	0	8	8	6
430	2	56	8	8	0	22	18	0	56	2	17	3	36	4	7	3	10	6
440	2	59	51	7	54	26	24	1	7	2	19	3	24	4	12	53	9	48
450	3	4	15	9	12	30	42	1	17	2	17	2	54	4	18	1	10	48
460	3	9	22	9	30	34	12	1	26	2	14	2	42	4	22	30	11	0
470	3	15	4	8	54	36	18	1	31	2	13	1	54	4	26	24	10	0
480	3	21	7	10	18	37	36	1	34	2	6	2	6	4	30	1	11	0
490	3	27	33	11	6	40	18	1	41	2	2	1	6	4	33	30	11	30

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			adde		adde		adde		meri.		adde		⊙			mīue	
500	3	34	6	11	0	40	54	1	42	1	52	1	6	4	36	34	11	6
510	3	40	55	11	42	42	24	1	46	1	45	0	36	4	39	36	11	18
520	3	47	51	11	36	43	30	1	49	1	39	0	6	4	42	27	10	54
												mīue						
530	3	55	14	11	24	43	54	1	50	1	30	0	24	4	45	10	10	18
540	4	2	33	12	0	44	24	1	51	1	21	0	18	4	47	54	10	30
550	4	9	57	11	0	45	30	1	54	1	10	0	18	4	50	39	9	12
560	4	17	32	9	30	44	36	1	52	1	3	0	48	4	53	10	7	24
570	4	24	58	9	42	44	42	1	52	0	53	0	30	4	55	27	7	36
580	4	32	25	9	30	45	6	1	53	0	44	0	36	4	58	40	7	12
590	4	39	56	9	6	44	54	1	52	0	37	0	42	5	1	24	6	42
600	4	47	25	7	48	45	12	1	53	0	31	0	48	5	4	10	5	30
610	4	54	57	6	18	44	6	1	50	0	24	0	48	5	6	52	4	6
620	5	2	18	5	42	44	6	1	50	0	18	0	48	5	9	45	3	42
630	5	9	39	4	36	43	30	1	49	0	12	0	36	5	12	35	2	54
640	5	16	54	4	18	43	36	1	49	0	7	0	30	5	15	29	2	48
650	5	24	10	3	24	43	12	1	48	0	4	0	30	5	18	18	2	18
660	5	31	22	2	24	42	36	1	47	0	1	0	30	5	21	8	1	42
										sept.		adde						
670	5	38	28	1	48	43	0	1	47	0	1	0	30	5	24	1	1	24
680	5	45	38	0	38	41	54	1	45	0	3	0	30	5	26	46	0	42
				mīue														
690	5	52	37	0	24	41	48	1	44	0	5	0	24	5	29	37	0	0
																	adde	
700	5	59	35	1	12	41	12	1	43	0	6	0	18	5	32	27	0	24
710	0	6	27	1	54	40	48	1	42	0	7	0	12	5	35	18	0	48
720	0	13	15	2	24	40	36	1	41	0	8	0	6	5	38	12	0	54
730	0	20	1	3	12	40	24	1	41	0	8	0	12	5	41	2	1	36
740	0	26	45	3	48	39	54	1	40	0	8	0	0	5	43	53	1	54
750	0	33	24	4	12	39	48	1	39	0	9	0	0	5	46	47	2	6
760	0	40	2	4	54	39	24	1	38	0	8	0	6	5	4	49	2	48
770	0	46	36	5	24	35	0	1	37	0	7	0	6	5	52	36	3	18
779	0	52	27	5	48			1	37	0	7	0	0	5	55	19	3	18

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			mĩne		adde		adde		sept.		adde		☉			adde	
0	0	6	42	2	12	41	6	1	43	0	3	0	6	5	54	32	0	18
10	0	13	33	2	48	40	54	1	42	0	3	0	6	5	57	13	0	42
20	0	20	22	3	30	40	30	1	41	0	3	0	0	5	59	55	1	24
30	0	27	7	4	12	40	6	1	40	0	4	0	6	0	2	42	2	6
40	0	33	46	4	42	39	30	1	39	0	5	0	6	0	5	32	2	30
50	0	40	23	5	12	39	18	1	38	0	7	0	6	0	8	26	3	6
60	0	46	56	5	36	38	54	1	37	0	9	0	6	0	11	23	3	42
70	0	53	25	6	0	38	42	1	37	0	10	0	12	0	14	27	4	12
80	0	59	52	6	12	38	24	1	36	0	12	0	12	0	17	33	4	42
90	1	6	16	6	36	37	54	1	35	0	14	0	6	0	20	46	5	18
100	1	12	35	7	0	37	48	1	34	0	17	0	0	0	24	6	6	6
110	1	18	53	7	6	37	24	1	33	0	19	0	12	0	27	30	6	30
120	1	25	7	7	18	37	18	1	33	0	22	0	12	0	31	2	7	6
130	1	31	20	7	18	36	48	1	12	0	26	0	12	0	34	38	7	30
140	1	37	28	7	18	36	42	1	32	0	29	0	12	0	38	23	7	48
150	1	43	35	7	18	36	12	1	31	0	34	0	6	0	42	13	8	18
160	1	49	37	7	18	36	0	1	30	0	38	0	0	0	46	11	8	42
170	1	55	37	7	6	35	30	1	29	0	42	0	6	0	50	17	8	42
180	2	1	32	6	48	35	18	1	28	0	47	0	0	0	54	29	8	42
												mĩne						
190	2	7	25	7	12	34	36	1	26	0	51	0	6	0	58	40	9	18
200	2	13	11	6	24	34	24	1	26	0	57	0	18	1	3	13	8	42
210	2	18	55	6	12	33	24	1	24	1	0	0	6	1	7	43	8	30
220	2	24	29	5	30	33	0	1	23	1	5	0	30	1	12	23	7	54
230	2	29	59	5	30	31	54	1	20	1	7	0	36	1	17	7	7	42
240	2	35	18	4	30	31	6	1	18	1	10	0	36	1	22	1	6	36
250	2	40	29	3	54	29	30	1	14	1	15	0	54	1	27	3	5	48
260	2	45	24	2	48	28	6	1	10	1	18	1	12	1	32	18	4	24
270	2	50	5	2	0	27	18	1	8	1	18	1	36	1	37	44	3	18

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			mīue		adde		adde		sept.		mīue			☉		adde	
280	2	54	38	1	24	22	54	0	57	1	16	1	54	1	43	16	2	18
				adde														
290	2	58	27	0	30	20	24	0	51	1	12	2	12	1	49	27	0	0
																	mīue	
300	3	1	51	0	6	17	0	0	42	1	8	2	42	1	55	58	1	54
310	3	4	41	3	24	11	42	0	29	1	0	3	12	2	3	2	3	42
320	3	6	38	5	30	6	16	0	16	0	48	3	24	2	10	53	6	6
	retrogd'					mīue		mīue										
329	3	7	34	8	6	0	0	0	0	0	37	4	42	2	18	44	8	54
330	3	7	34	9	0	1	54	0	5	0	30	4	0	2	19	43	9	54
340	3	7	15	12	6	8	12	0	21	0	12	5	12	2	29	44	13	30
										meri.		adde						
350	3	5	53	13	48	15	24	0	38	0	13	6	54	2	40	43	15	24
360	3	3	19	13	48	26	48	0	52	0	55	6	54	2	52	53	15	30
370	2	59	51	13	18	21	0	0	53	1	30	7	48	3	5	57	15	18
380	2	56	21	14	18	14	54	0	37	2	5	8	30	3	18	59	16	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elōgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrogd'			adde		mīue		mīue		meri.		adde			☉		mīue	
390	2	53	52	13	42	7	0	0	18	2	24	7	12	3	30	58	15	54
400	2	52	43	12	36	0	20	0	1	2	43	6	0	3	41	37	14	42
	directus					adde		adde										
407	2	52	40	14	6	6	24	0	16	2	57	5	0	3	48	19	14	42
410	2	52	59	12	36	9	24	0	24	2	56	5	12	3	50	51	14	42
420	2	54	33	12	18	17	30	0	44	2	56	4	42	3	58	47	14	24
430	2	57	28	12	48	22	12	0	56	2	53	4	48	4	5	22	14	36
440	3	1	10	12	24	27	42	1	9	2	53	3	42	4	11	15	19	0
450	3	5	47	11	54	31	0	1	18	2	46	2	42	4	16	13	13	24
460	3	10	57	12	30	33	36	1	24	2	41	2	18	4	20	40	13	36
470	3	16	33	12	30	37	42	1	30	2	32	1	36	4	24	44	14	12
480	3	22	50	12	24	38	24	1	36	2	27	0	54	4	28	11	12	48
490	3	29	14	13	30	40	12	1	40	2	13	0	48	4	31	35	13	36

Residuũ ♂

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Dies	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	directus			adde		adde		adde		meri.		adde		☉			mĩue	
500	3	35	56	13	0	41	36	1	44	2	3	0	18	4	34	43	12	36
												mĩue						
510	3	42	52	12	48	42	18	1	46	1	51	0	12	4	37	43	12	6
520	3	49	55	13	0	43	18	1	48	1	40	0	18	4	40	38	11	54
530	3	57	8	12	12	44	30	1	51	1	26	0	28	4	43	37	10	42
540	4	4	33	10	36	43	24	1	49	1	18	0	54	4	46	9	8	48
550	4	11	47	11	0	44	0	1	50	1	7	0	48	4	49	4	8	54
560	4	19	7	10	54	44	48	1	52	0	55	0	48	4	51	56	8	48
570	4	26	35	10	24	44	30	1	51	0	48	1	6	4	54	41	8	6
580	4	34	0	9	0	44	42	1	52	0	38	1	0	4	57	28	6	36
590	4	41	27	7	24	45	36	1	49	0	30	1	0	5	0	17	5	6
600	4	48	43	6	24	45	42	1	49	0	23	1	0	5	3	15	4	12
610	4	56	0	5	36	45	30	1	49	0	16	0	54	5	6	11	3	36
620	5	3	15	4	30	45	0	1	48	0	10	0	42	5	9	8	2	48
630	5	10	25	4	6	45	12	1	48	0	6	0	42	5	12	6	2	36
640	5	17	37	2	54	42	42	1	47	0	2	0	42	5	15	1	1	48
										sept.		adde						
650	5	24	44	2	12	42	12	1	46	0	1	0	36	5	17	55	1	30
660	5	31	56	1	6	42	0	1	45	0	4	0	30	5	20	51	0	42
670	5	38	46	0	12	41	48	1	44	0	6	0	30	5	23	47	0	18
				mĩue													adde	
680	5	45	44	1	0	40	54	1	42	0	8	0	24	5	26	39	0	36
690	5	52	33	1	30	41	0	1	42	0	9	0	18	5	29	37	0	42
700	5	59	23	2	18	40	30	1	41	0	9	0	18	5	32	31	1	12
710	0	6	8	2	54	40	18	1	41	0	9	0	0	5	35	26	1	24
720	0	12	51	3	48	39	48	1	40	0	9	0	12	5	38	21	2	12
730	0	19	29	4	6	39	48	1	39	0	10	0	0	5	41	18	2	12
740	0	26	7	4	48	39	30	1	39	0	10	0	0	5	44	12	2	42
750	0	32	42	5	24	39	6	1	38	0	9	0	6	5	47	8	3	18
760	0	39	13	5	30	38	54	1	37	0	9	0	0	5	50	7	3	24
770	0	45	42	6	0	38	36	1	36	0	8	0	0	5	53	9	3	48
779	0	51	29	6	6			1	36	0	8	0	12	5	55	57	4	24

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			minue		adde		adde		sept.		adde		☉			adde	
0	0	6	20	3	18	40	30	1	41	0	4	0	6	5	54	35	1	12
10	0	13	5	3	54	40	12	1	40	0	4	0	6	5	57	20	1	48
20	0	18	47	4	24	39	48	1	39	0	3	0	6	0	0	6	2	12
30	0	26	25	4	24	39	36	1	39	0	5	0	0	0	3	3	2	42
40	0	33	1	5	24	39	0	1	38	0	6	0	12	0	5	57	3	18
50	0	39	31	5	42	38	54	1	37	0	8	0	12	0	8	57	3	48
60	0	46	0	6	6	38	30	1	36	0	10	0	12	0	12	0	4	18
70	0	52	25	6	18	38	30	1	36	0	12	0	6	0	15	9	4	48
80	0	58	50	6	42	38	0	1	35	0	14	0	6	0	18	20	5	24
90	1	5	10	7	6	37	30	1	34	0	15	0	12	0	21	39	6	12
100	1	11	25	7	0	37	42	1	34	0	17	0	12	0	25	7	6	24
110	1	17	42	7	12	37	12	1	33	0	21	0	6	0	28	35	7	0
120	1	23	54	7	6	37	18	1	33	0	24	0	6	0	32	13	7	18
130	1	30	7	7	0	36	48	1	32	0	28	0	0	0	35	53	7	30
140	1	36	15	7	0	36	42	1	32	0	31	0	0	0	39	41	8	0
150	1	42	22	7	0	36	12	1	31	0	34	0	6	0	43	36	8	24
160	1	48	24	6	36	36	12	1	30	0	38	0	6	0	47	38	7	12
												minue						
170	1	54	26	6	48	35	48	1	29	0	43	0	6	0	51	44	8	42
180	2	0	24	6	30	34	54	1	28	0	47	0	12	0	55	56	8	36
190	2	6	13	5	36	35	24	1	28	0	50	0	12	1	0	19	7	54
200	2	12	7	5	36	34	36	1	27	0	54	0	18	1	4	40	7	54
210	2	17	53	5	12	34	6	1	25	0	59	0	42	1	9	8	7	36
220	2	23	34	4	42	33	0	1	23	1	0	0	36	1	13	42	6	54
230	2	29	4	3	42	32	54	1	22	1	1	0	42	1	18	24	5	48
240	2	34	33	2	42	31	42	1	19	1	4	1	6	1	23	7	4	36
255	2	39	50	1	48	30	36	1	16	1	6	1	24	1	28	1	3	24
260	2	44	56	1	0	28	54	1	12	1	6	1	36	1	33	2	2	18
270	2	49	45	0	0	27	54	1	9	1	2	1	48	1	38	17	0	54

Residuum ♂

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	m	g	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		sept.		mīue		⊙			mīue	
280	2	54	24	1	36	24	48	1	2	1	57	2	6	1	43	39	1	6
290	2	58	32	3	30	22	0	0	55	0	50	2	42	1	49	27	3	24
300	3	2	12	25	36	18	18	0	46	0	41	2	54	1	55	39	5	54
310	3	5	15	8	30	13	48	0	34	0	38	3	12	2	2	25	9	6
320	3	7	33	12	12	9	4	0	23	0	14	4	36	2	9	52	13	6
										meri.		adde						
330	3	9	4	14	6	1	12	0	3	0	10	5	6	2	18	4	15	30
	retrogd°					mīue		mīue										
340	3	9	16	16	18	6	30	0	16	0	4	6	6	2	27	29	17	54
350	3	8	11	16	36	15	24	0	38	1	22	6	18	2	38	9	18	18
360	3	5	37	20	18	21	24	0	53	2	4	7	18	2	50	18	22	18
370	3	2	4	23	12	20	0	0	50	2	48	8	6	3	3	4	25	18
380	2	58	44	23	42	15	30	0	39	3	20	7	24	3	16	15	25	24

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	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrogd°			adde		mīue		mīue		meri.		adde		⊙			mīue	
390	2	56	9	23	12	8	6	0	20	3	36	6	48	3	28	19	25	18
	Directus					adde												
400	2	54	48	22	12	1	54	0	5	3	43	5	18	3	39	10	24	18
410	2	55	5	19	48	9	6	0	23	3	48	4	18	3	48	24	21	54
420	2	56	36	19	30	18	0	0	45	3	43	4	42	3	56	23	21	18
430	2	59	36	15	54	23	48	0	55	3	36	3	30	4	2	56	17	36
440	3	3	14	16	54	27	12	1	8	3	30	3	48	4	8	55	18	24
450	3	7	46	17	24	31	36	1	19	3	13	2	18	4	13	59	18	30
460	3	13	2	16	0	34	36	1	26	3	4	1	24	4	18	24	16	48
470	3	18	48	15	42	36	36	1	32	2	48	0	48	4	22	22	16	6
480	3	24	54	15	0	39	30	1	39	2	33	0	30	4	26	3	15	6
490	3	31	29	13	54	39	42	1	39	2	21	0	12	4	29	19	13	30

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Di	Locus			Equatio		ad di.		ad ho.		Lati.		Equatio		Elōgatio			Equtio	
es	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			adde		adde		adde		meri.		minue		☉			minue	
														4	32	37	14	6
500	3	38	6	14	54	42	24	1	42	2	6	0	18	4	35	42	12	54
510	3	45	0	14	0	42	30	1	46	1	49	0	24	4	38	39	11	6
520	3	52	5	12	36	42	30	1	46	1	37	1	0	4	41	40	9	54
530	3	59	10	11	42	42	54	1	47	1	29	0	54	4	44	41	9	42
540	4	6	19	11	48	43	48	1	49	1	9	0	54	4	47	35	9	36
550	4	13	37	11	12	43	54	1	50	0	59	1	12	4	50	28	7	36
560	4	20	56	9	54	44	18	1	51	0	47	1	12	4	53	20	5	42
570	4	28	13	8	6	43	30	1	49	0	37	1	12	4	56	22	4	36
580	4	35	30	6	54	43	30	1	46	0	28	1	12	4	59	26	3	30
590	4	52	41	5	42	42	36	1	46	0	20	8	1	5	2	33	2	24
600	4	49	47	5	24	42	54	1	45	0	13	0	54	5	5	35	2	30
610	4	56	56	4	12	42	24	1	46	0	7	0	48	5	8	40	2	0
620	5	4	0	3	30	42	36	1	46	0	3	0	48					
										sept.		adde						
630	5	11	6	2	36	42	0	1	45	0	1	0	48	5	11	40	1	30
640	5	18	6	1	36	42	0	1	45	0	5	0	36	5	14	43	0	48
																	adde	
650	5	25	6	0	18	41	6	1	43	0	7	0	36	5	17	40	6	0
				minue														
660	5	31	57	0	18	41	6	1	43	0	9	0	30	5	20	44	0	12
670	5	38	48	1	36	40	36	1	42	0	11	0	18	5	23	44	1	12
680	5	45	34	2	6	40	24	1	41	0	12	0	18	5	26	45	1	18
690	5	52	18	2	48	40	12	1	40	0	12	0	18	5	29	44	1	36
700	5	59	0	3	36	39	54	1	40	0	12	0	12	5	32	43	2	6
710	0	5	39	4	12	39	24	1	39	0	11	0	12	5	35	40	2	30
720	0	12	13	4	24	39	30	1	39	0	11	0	12	5	38	43	2	36
730	0	18	48	6	12	39	6	1	38	0	10	0	12	5	41	40	3	6
740	0	25	19	5	30	8	54	1	37	0	10	0	6	5	44	39	3	24
750	0	31	48	5	48	39	0	1	37	0	10	0	0	5	47	41	3	42
760	0	38	18	6	12	38	24	1	36	0	9	0	0	5	50	41	4	0
770	40	44	42	6	15	38	24	1	36	0	7	0	6	5	53	47	4	6
779	0	50	28	6	24			1	36	0	6	0	6	5	56	41	3	8

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógató			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct'			mīue		adde		adde		sept.		adde			⊙		adde	
0	0	5	47	4	18	39	54	1	40	0	5	0	6	5	54	47	2	12
10	0	12	26	4	48	39	42	1	39	0	5	0	0	5	57	38	2	36
20	0	19	3	5	6	39	18	1	38	0	4	0	0	0	0	31	3	0
30	0	25	36	5	36	39	6	1	38	0	5	0	12	0	3	30	3	30
40	0	32	7	6	0	38	42	1	37	0	8	0	0	0	6	30	4	6
50	0	38	34	6	24	38	30	1	37	0	10	0	0	0	9	25	4	36
60	0	44	59	6	42	38	18	1	36	0	12	0	6	0	12	43	5	12
70	0	51	22	6	54	38	6	1	35	0	13	0	6	0	15	57	5	36
80	0	57	43	6	54	37	36	1	34	0	15	0	6	0	19	14	6	0
90	1	3	59	7	0	37	36	1	34	0	17	0	6	0	22	41	6	24
100	1	10	15	7	0	37	30	1	34	0	19	0	6	0	26	11	6	48
110	1	16	30	7	0	37	18	1	33	0	22	0	6	0	29	45	7	12
120	1	22	43	7	6	37	24	1	33	0	25	0	6	0	33	26	7	36
130	1	28	57	7	0	36	48	1	32	0	28	0	0	0	37	8	8	0
140	1	35	5	6	42	36	42	1	32	0	31	0	6	0	41	1	8	36
												mīue						
150	1	41	12	6	30	36	36	1	31	0	35	0	6	0	45	0	8	12
160	1	47	18	6	24	36	0	1	30	0	39	0	12	0	49	0	8	18
170	1	53	18	5	48	36	6	1	30	0	42	0	12	0	53	n.	7	54
180	1	59	19	5	18	35	48	1	30	0	45	0	18	0	57	22	7	36
190	2	5	17	5	0	35	24	1	29	0	48	0	24	0	1	38	7	18
200	2	11	11	4	18	35	0	1	26	0	51	0	30	1	5	59	6	42
210	2	17	1	3	24	34	36	1	27	0	52	0	36	1	10	24	5	36
220	2	22	47	2	42	34	0	1	25	0	54	0	36	1	14	51	4	48
230	2	28	27	1	48	33	54	1	25	0	54	0	54	1	19	22	3	42
240	2	34	6	1	0	32	36	1	22	0	53	1	12	1	23	53	2	36
				adde														
250	2	39	32	0	6	31	24	1	19	0	52	1	36	1	28	35	1	12
																	mīue	
260	2	44	46	1	48	29	54	1	15	0	50	1	54	1	33	25	0	54
270	2	49	45	3	18	29	30	1	13	0	44	2	12	1	38	26	2	48

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Direct⁹			adde		adde		adde		sept.		miue			⊙		miue	
280	2	54	40	5	6	26	42	1	57	0	36	2	24	1	43	28	5	0
290	2	59	7	7	48	24	6	1	0	0	23	2	36	1	48	53	8	6
300	3	3	8	9	54	21	12	0	53	0	12	3	18	1	54	40	10	30
										meri.		adde						
310	3	6	40	13	6	17	30	0	44	0	4	4	18	2	0	54	14	0
320	3	9	35	14	0	11	0	0	28	0	32	4	18	2	7	41	15	24
330	3	11	25	15	36	3	24	0	9	1	1	4	42	2	15	29	17	12
	retrog̃d⁹					miue		miue										
340	3	11	59	20	12	6	12		15	1	41	5	42	2	24	30	21	54
350	3	10	57	25	6	11	42	0	29	2	25	6	30	2	35	6	27	6
360	3	9	0	30	24	18	24	0	46	3	17	6	42	2	46	35	32	30
370	3	5	56	32	48	19	30	0	49	4	9	5	42	2	59	11	35	0
380	3	2	41	32	24	16	0	0	40	4	34	5	12	3	11	56	34	30

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	retrog̃d⁹			adde		miue		miue		meri.		adde			⊙		miue	
390	3	0	1	30	36	9	6	0	23	4	44	5	42	3	24	6	32	42
400	2	58	30	29	42	0	42	0	2	4	36	5	42	3	35	7	31	48
	directus					adde		adde										
410	2	58	23	25	42	8	48	0	22	4	31	4	42	3	44	45	27	30
420	2	59	51	24	0	14	24	0	36	4	30	3	36	3	52	50	25	42
430	3	2	15	24	6	22	48	0	57	4	11	2	48	4	0	0	25	30
440	3	6	3	21	30	27	42	1	9	3	58	1	48	4	5	51	22	36
450	3	10	40	19	48	30	18	1	16	3	36	2	0	4	10	54	20	30
460	3	15	43	19	6	34	12	1	26	3	18	0	48	4	15	36	19	30
470	3	21	25	17	12	35	54	1	29	2	56	0	18	4	19	41	17	18
												miue						
480	3	27	24	17	42	38	24	1	36	2	41	0	36	4	23	32	17	18
490	3	33	48	16	36	40	42	1	42	2	23	0	42	4	27	4	15	48

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elōgatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
500	3	40	35	14	36	40	30	1	42	2	3	1	12	4	30	16	13	24
510	3	47	20	13	54	41	6	1	43	1	45	1	12	4	33	33	12	24
520	3	54	11	13	6	41	36	1	44	1	27	1	18	4	36	48	11	18
530	4	1	7	13	6	43	0	1	47	1	14	1	36	4	40	1	11	0
540	4	8	17	11	18	43	12	1	48	1	0	1	36	4	43	4	9	12
550	4	15	29	9	0	42	36	1	47	0	47	1	30	4	46	4	6	42
560	4	22	35	7	30	42	30	1	46	0	35	1	24	4	49	12	5	6
570	4	29	40	6	24	41	54	1	44	0	25	1	18	4	52	23	4	6
580	4	36	39	5	6	41	54	1	44	0	16	1	6	4	55	36	3	30
590	4	43	38	5	6	42	18	1	46	0	10	1	6	4	58	51	3	6
600	4	50	41	4	0	41	42	1	44	0	4	1	0	5	1	59	2	18
										sept.		adde						
610	4	57	38	3	6	41	42	1	44	0	1	0	54	5	5	10	1	36
620	5	4	35	1	54	41	42	1	44	0	5	0	48	5	8	20	0	48
																	adde	
630	5	11	32	0	36	40	54	1	42	0	9	0	36	5	11	25	0	6
				minue														
640	5	18	21	0	18	40	48	1	42	0	11	0	30	5	14	35	0	36
650	5	25	9	1	12	40	30	1	41	0	13	0	24	5	17	41	1	6
660	5	31	54	2	6	39	45	1	40	0	14	0	24	5	20	46	1	36
670	5	38	32	2	30	40	6	1	39	0	14	0	30	5	23	56	1	42
680	5	45	13	3	12	39	48	1	39	0	15	0	18	5	26	58	2	6
690	5	51	51	4	0	39	18	1	38	0	15	0	12	5	30	0	2	30
700	5	58	24	4	18	39	18	1	38	0	14	0	6	5	33	4	2	36
710	0	4	57	4	54	39	12	1	38	0	13	0	6	5	33	5	3	0
720	0	11	29	5	30	38	42	1	37	0	13	0	0	5	39	8	3	24
730	0	17	56	5	42	38	48	1	37	0	12	0	0	5	42	11	3	36
740	0	24	24	6	0	38	36	1	37	0	11	0	0	5	45	13	3	54
750	0	30	50	6	18	38	36	1	36	0	10	0	0	5	48	18	4	6
760	0	37	16	6	42	38	24	1	36	0	9	0	0	5	51	21	4	36
770	0	43	40	6	48	38	15	1	36	0	8	0	6	5	54	28	4	54
779	0	49	24	6	54			1	36	0	7	0	0	5	57	19	5	18

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	Locus			Eq̄tio		ad Di.		ad ho		Lati.		Eq̄tio		Elōgatio			Eq̄tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			miue		adde		adde		sept.		adde		☉			adde	
0	0	5	4	5	6	39	24	1	39	0	6	0	6	5	55	9	2	54
10	0	11	38	5	24	39	24	1	38	0	5	0	0	5	58	4	3	18
20	0	18	12	6	6	38	48	2	37	0	4	0	6	0	1	1	4	0
30	0	24	40	6	6	38	42	1	37	0	7	0	0	0	4	5	4	12
40	0	31	7	6	30	38	12	1	36	0	8	0	6	0	7	11	4	42
50	0	37	30	6	36	38	18	1	35	0	10	0	12	0	10	21	5	6
60	0	43	52	6	42	38	6	1	35	0	13	0	6	0	13	35	5	24
70	0	50	13	6	54	38	6	1	35	0	14	0	6	0	16	53	6	0
80	0	56	34	7	6	37	30	1	34	0	16	0	0	0	20	14	6	36
90	1	2	49	7	0	37	36	1	34	0	18	0	0	0	23	45	6	48
100	1	9	5	7	0	37	30	1	34	0	20	0	6	0	27	19	7	12
110	1	15	20	6	42	37	12	1	33	0	23	0	0	0	30	57	7	12
120	1	21	32	6	18	37	30	1	34	0	26	0	0	0	34	42	7	18
130	1	27	47	6	30	37	6	1	33	0	28	0	0	0	38	28	7	54
140	1	33	58	6	18	36	54	1	32	0	31	0	0	0	42	22	8	0
												miue						
150	1	40	7	5	48	36	42	1	32	0	34	0	6	0	46	22	7	42
160	1	46	14	5	24	36	36	1	32	0	37	0	18	0	50	23	7	30
170	1	52	20	4	42	36	36	1	31	0	40	0	24	0	54	30	7	0
180	1	58	26	4	12	36	6	1	30	0	42	0	24	0	58	38	6	30
190	2	4	27	3	42	36	6	1	30	0	44	0	30	1	2	51	6	6
200	2	10	28	2	42	35	54	1	29	1	46	0	36	1	7	6	4	54
210	2	16	27	2	0	35	18	1	28	0	47	1	6	1	11	20	4	6
220	2	22	20	0	42	34	54	1	27	0	48	0	30	1	15	39	2	36
				adde														
230	2	28	9	0	24	34	42	1	27	0	45	1	36	1	19	59	1	12
																	miue	
240	2	33	56	1	30	33	42	1	24	0	41	1	42	1	24	19	0	12
250	2	39	33	2	0	33	6	1	23	0	36	1	48	1	28	47	1	6
260	2	45	4	4	18	31	24	1	19	0	41	2	6	1	33	16	3	48
270	2	50	18	6	30	31	18	1	18	0	22	2	12	1	37	58	6	24

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elógatō			Eq̃tio	
Dies	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
	Direct'			adde		adde		adde		sept.		miue			☉		miue	
280	2	55	31	8	54	29	24	1	14	0	12	2	48	1	42	38	9	12
										meri.		adde						
290	3	0	25	10	18	26	12	1	6	0	3	3	0	1	47	32	11	0
300	3	4	47	12	36	24	24	1	14	0	21	3	42	1	52	55	13	30
310	3	8	51	13	0	18	24	0	46	0	47	3	42	1	58	34	14	24
320	3	11	55	16	48	12	36	0	32	1	15	4	24	2	5	7	18	24
330	3	14	1	22	24	8	0	0	20	1	48	5	30	2	12	37	24	6
	retrog̃d'					miue		miue										
340	3	15	21	27	18	1	18	0	3	2	38	4	54	2	20	51	29	18
350	3	15	8	31	54	6	24	0	16	3	10	4	12	2	30	35	34	0
360	3	14	4	34	24	16	0	0	40	4	24	3	54	2	41	10	36	36
370	3	11	24	37	48	19	54	0	50	5	6	3	18	2	53	21	39	54
380	3	8	5	41	0	17	48	0	44	5	26	5	45	3	6	11	43	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elógatio			Eq̃tio	
Dies	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
	retrog̃d'			addc		miue		miue		meri.		adde			☉		miue	
390	3	5	7	40	12	10	4	0	25	5	41	4	54	3	18	39	42	18
400	3	3	27	37	42	4	42	0	12	5	33	4	54	3	29	49	39	30
410	3	2	40	36	54	0	0	0	0	5	18	4	18	3	40	10	38	36
	Directus					adde		adde										
412	3	2	40	36	54	7	6	0	18	5	11	4	12	3	42	5	38	24
420	3	3	51	31	12	14	30	0	36	5	6	2	6	3	48	33	32	36
430	3	6	16	28	0	20	12	0	51	4	39	2	24	3	55	45	29	6
440	3	9	38	25	18	26	0	1	5	4	16	1	0	4	2	5	26	0
												miue						
450	3	13	58	22	36	29	36	1	14	3	56	0	24	4	7	29	23	0
460	3	18	54	21	48	32	18	1	21	3	26	0	30	5	12	21	21	54
470	3	24	17	20	54	36	24	1	31	2	56	0	42	4	16	48	19	30
480	3	30	21	16	54	37	18	1	33	2	35	1	2	4	20	39	16	6
490	3	36	34	15	42	38	42	1	37	2	16	1	18	4	24	26	14	30

Residuum ♂

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Directus			adde		adde		adde		meri.		minue		☉			minue	
500	3	43	1	14	30	39	48	1	40	1	51	1	24	4	28	2	13	0
510	3	49	39	14	6	40	18	1	41	1	33	1	30	4	31	29	12	18
520	3	56	22	12	36	41	36	1	44	1	14	1	42	4	34	55	10	30
530	4	3	18	10	24	41	12	1	43	0	58	1	48	4	38	11	8	18
240	4	10	10	8	42	40	54	1	42	0	44	1	48	4	41	32	6	24
550	4	16	59	7	12	41	6	1	43	0	32	1	30	4	44	57	4	48
560	4	23	50	6	42	41	24	1	43	0	21	1	24	4	48	21	4	24
270	4	30	44	5	30	41	12	1	43	0	12	1	12	4	51	42	3	18
580	4	37	36	4	42	41	18	1	43	0	5	1	6	4	55	1	2	42
										sept.		adde						
590	4	44	29	3	42	41	12	1	43	0	1	1	0	4	58	20	2	0
600	4	51	21	2	18	40	48	1	42	0	6	0	54	5	1	36	0	48
610	4	58	6	1	12	40	30	0	41	0	10	0	48	5	4	54	0	6
																	adde	
620	5	4	54	0	12	40	24	1	41	0	13	0	42	5	8	12	0	30
				minue														
630	5	11	38	0	54	40	0	1	40	0	15	0	36	5	11	26	1	12
640	3	18	18	1	36	39	54	1	40	0	16	0	30	5	14	41	1	30
650	5	24	57	2	12	39	42	1	39	0	17	0	30	5	17	52	1	48
660	5	31	34	3	18	39	18	1	38	0	18	0	24	5	21	2	2	30
670	5	35	1	3	48	39	24	1	38	0	19	0	6	5	24	13	2	42
680	5	44	41	4	24	39	0	1	38	0	18	0	6	5	27	19	2	54
690	5	51	11	4	48	39	0	1	37	0	17	0	6	5	30	25	3	6
700	5	57	41	5	12	38	42	1	37	0	15	0	12	5	33	30	3	18
710	0	4	8	5	48	34	36	1	36	0	14	0	6	5	36	35	3	42
720	0	10	34	6	0	38	30	1	36	0	13	0	6	5	39	42	3	54
730	0	16	59	6	24	38	30	1	36	0	12	0	6	5	42	47	4	18
740	0	23	24	6	36	38	18	1	36	0	11	0	6	5	45	52	4	24
750	0	29	47	6	42	38	12	1	36	0	10	0	0	5	48	59	4	36
760	0	36	9	6	36	38	18	1	36	0	9	0	0	5	52	7	4	42
770	0	42	32	6	42	38	6	1	35	0	7	0	0	5	55	17	4	54
779	0	48	15	6	48			1	35	0	6	0	0	5	58	12	5	0

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	Locus			Eq̃tio	ad vi.		ad ho.			Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct°			minue		adde		adde		sept.		adde			☉		adde	
0	0	4	13	5	42	39	6	1	38	0	7	0	0	5	55	38	3	36
10	0	10	44	6	6	38	42	1	33	0	4	0	6	5	58	37	4	0
20	0	17	11	6	12	38	48	1	37	0	5	0	12	0	1	41	4	18
30	0	23	39	6	42	38	18	1	36	0	7	0	12	0	4	47	4	54
40	0	30	2	6	48	38	12	1	36	0	9	0	12	0	7	58	5	18
50	0	36	24	6	54	38	6	1	35	0	12	0	0	0	11	12	5	36
60	0	42	45	7	0	37	54	1	35	0	14	0	0	0	14	29	6	6
70	0	49	4	7	0	37	54	1	35	0	15	0	0	0	17	53	6	30
80	0	55	23	6	48	37	36	1	34	0	16	0	6	0	21	20	6	36
90	1	1	39	6	36	37	36	1	34	0	28	0	6	0	24	53	6	48
100	1	7	55	6	30	37	48	1	34	0	21	0	0	0	28	31	7	0
110	1	14	13	6	18	37	36	1	34	0	23	0	0	0	32	9	7	18
												minue						
120	1	20	29	6	6	37	18	1	33	0	26	0	6	0	35	55	7	30
130	1	26	42	5	36	37	18	1	33	0	28	0	0	0	39	47	7	18
140	1	32	55	5	18	37	24	1	33	0	31	0	12	0	43	42	7	12
150	1	39	9	4	42	37	6	1	33	0	33	0	18	0	47	39	6	48
160	1	45	20	4	12	37	18	1	33	0	34	0	18	0	51	38	6	30
170	1	51	33	3	36	37	6	1	33	0	36	0	18	0	55	40	5	54
180	1	57	44	3	6	36	36	1	32	0	38	0	36	0	59	43	5	30
190	2	3	50	1	42	37	6	1	32	0	39	0	42	1	3	52	3	54
200	2	10	1	1	18	36	36	1	32	0	40	1	6	1	7	55	3	24
210	2	16	7	0	24	36	36	1	31	0	36	1	0	1	12	1	2	18
				adde														
220	2	22	13	0	48	36	0	1	30	0	33	1	6	1	16	5	0	42
																	mine	
230	2	28	13	2	0	35	48	1	29	0	29	1	18	1	20	11	0	42
240	2	34	11	3	24	34	12	1	26	0	24	1	24	1	24	17	2	30
250	2	39	52	6	24	35	24	1	24	0	18	1	48	1	28	36	5	54
260	2	45	47	7	6	23	36	1	24	0	10	2	6	1	32	38	7	0

Residuũ ♂

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			miue	
270	2	51	23	9	19	33	42	1	24	0	0	2	42	1	36	54	9	36
280	2	57	0	9	48	30	48	1	17	0	16	2	42	1	41	6	10	30
290	3	2	8	11	18	28	30	1	11	0	33	3	12	1	45	42	12	12
300	3	6	53	13	54	24	48	1	2	0	58	3	24	1	50	40	15	18
310	3	11	1	18	18	22	12	0	56	1	24	3	48	1	56	10	19	54
320	3	14	43	21	48	18	12	0	46	1	59	3	54	2	2	3	23	30
330	3	17	45	25	6	12	54	0	32	2	43	4	12	2	8	36	27	6
340	3	19	54	29	6	6	36	0	16	3	27	3	42	2	15	58	31	12
	retrogđ⁹					miue		miue										
345	3	20	27	29	42	0	0	0	0	3	49	3	12	2	20	10	31	54
350	3	20	27	33	42	3	54	0	9	4	12	2	42	2	24	55	35	54
360	3	19	48	37	42	12	36	0	32	5	3	2	54	2	35	4	39	48
370	3	17	42	44	0	16	42	0	42	5	59	3	6	2	46	42	46	6
380	3	14	55	46	24	13	36	0	47	0	24	2	36	2	59	0	38	30

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	Locus			Eq̃tio		ad di.		ad ho		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m̃	m̃	2	m̃	2	m̃	2	g	m̃	m̃	2	S	g	m̃	m̃	2
es	retrogđ⁹			adde		miue		miue		meri.		adde		☉			miue	
390	3	11	49	47	12	12	30	0	31	6	30	3	6	3	11	36	49	0
400	3	9	44	44	0	5	30	0	14	6	12	1	54	3	23	14	45	42
410	3	8	49	40	30	0	15	0	1	6	1	1	48	3	33	44	41	54
	Direct⁹					adde		adde										
418	3	8	47	38	24	8	0	0	20	5	35	1	36	3	41	28	39	36
420	3	9	3	36	12	11	18	0	28	5	27	1	36	3	43	7	37	18
												miue						
430	3	10	6	31	6	17	30	0	44	5	3	0	30	3	50	54	31	48
440	3	13	51	28	24	23	30	0	59	4	26	0	48	3	57	45	28	48
450	3	17	44	25	36	28	48	1	12	3	52	0	24	4	3	39	25	42
460	3	22	32	21	18	31	24	1	18	3	21	1	36	4	8	42	20	54
470	3	27	46	19	24	32	24	1	21	2	52	2	12	4	13	23	18	36
480	3	33	10	18	30	36	6	1	30	2	23	1	48	4	17	58	17	18
490	3	39	11	17	12	37	30	1	34	1	58	2	6	4	22	1	15	42

Residuū ♂

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Di	Locus			Eq̄tio		ad di.		ad ho.		Lati.		Eq̄tio		Elōgatio			Equo	
	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	directus			adde		adde		adde		meri.		minue		☉			minue	
500	3	45	26	15	18	39	24	1	38	1	37	2	24	4	25	52	13	30
510	3	52	0	12	36	38	48	1	37	1	18	2	24	4	29	26	10	31
520	3	58	28	10	0	39	24	1	38	0	57	2	12	4	33	10	7	54
530	4	5	2	8	24	39	30	1	39	0	40	2	0	4	36	48	6	6
540	4	11	37	7	18	39	24	1	39	0	26	1	36	4	40	28	4	54
550	4	18	11	6	54	40	36	1	41	0	17	1	42	4	44	9	4	36
560	4	24	57	5	18	40	12	1	41	0	7	1	24	4	47	37	3	6
										sept.		adde						
570	4	31	39	4	18	40	24	1	41	0	0	1	12	4	51	9	2	18
580	4	38	23	2	42	40	18	1	41	0	6	1	6	4	54	34	1	0
																	adde	
590	4	45	46	1	12	39	48	1	40	0	11	1	0	4	58	0	0	18
600	4	51	44	0	18	39	42	1	39	0	15	0	48	5	1	28	0	48
				minue														
610	4	58	21	0	36	39	30	1	39	0	18	0	48	5	4	53	1	18
620	5	4	56	1	30	39	18	1	38	0	20	0	36	5	8	17	1	48
630	5	11	29	2	0	39	18	1	38	0	21	0	30	5	11	38	1	54
640	5	18	2	3	18	39	18	1	38	0	22	0	24	5	14	56	2	48
650	5	24	35	4	0	38	36	1	37	0	22	0	12	5	18	10	3	12
660	5	31	1	4	12	38	48	1	37	0	22	0	6	5	21	27	3	6
670	5	37	29	4	42	38	48	1	37	0	20	0	12	5	24	40	3	12
680	5	43	57	5	18	38	36	1	37	0	19	0	6	5	27	48	3	36
690	5	50	23	5	54	38	36	1	36	0	18	0	6	5	30	56	4	0
700	5	56	49	6	12	38	6	1	35	0	17	0	0	5	34	3	4	6
710	0	3	10	6	24	38	24	1	36	0	15	0	0	5	37	12	4	18
720	0	9	34	6	30	38	6	1	36	0	14	0	0	5	40	21	4	24
730	0	15	55	6	36	38	18	1	36	0	13	0	0	5	43	30	4	24
												minue						
740	0	22	18	6	42	38	12	1	36	0	12	0	6	5	45	36	4	36
750	0	28	40	6	48	38	18	1	36	0	10	0	0	5	49	45	4	54
760	0	35	3	6	51	38	12	1	36	0	9	0	6	5	52	54	5	6
770	0	41	25	6	51	38	0	1	35	0	7	0	6	5	56	6	4	18
779	0	47	7	6	30			1	35	0	6	0	6	5	59	2	4	24

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Di	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Eqtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct⁹			mīue		adde		adde		sept.		adde		☉			adde	
0	0	3	16	6	6	38	42	1	37	0	7	0	6	5	56	14	4	0
10	0	9	43	6	30	38	36	1	37	0	5	0	0	5	59	17	4	36
20	0	16	9	6	36	38	18	1	36	0	7	0	0	0	2	24	5	54
30	0	22	32	6	48	38	12	1	36	0	9	0	0	0	5	36	5	18
40	0	28	54	6	54	38	6	1	35	0	11	0	0	0	8	51	5	36
50	0	35	15	6	48	38	0	1	35	0	12	0	6	0	12	8	5	54
60	0	41	35	6	42	37	54	1	35	0	14	0	0	0	15	20	6	12
70	0	47	54	6	30	38	6	1	35	0	15	0	6	0	18	58	6	18
80	0	54	15	6	42	37	48	1	34	0	17	0	0	0	22	26	6	54
90	1	0	33	6	18	37	42	1	34	0	19	0	0	0	26	1	6	48
100	1	6	50	6	0	38	0	1	35	0	21	0	0	0	29	41	7	0
												mīue						
110	1	13	10	5	48	37	48	1	35	0	23	0	6	0	33	22	7	12
120	1	19	28	5	30	37	48	1	35	0	25	0	12	0	37	10	7	12
130	1	25	46	5	0	37	36	1	35	0	28	0	18	0	41	0	6	54
140	1	32	2	4	18	38	0	1	35	0	29	0	18	0	44	54	6	24
150	1	38	22	3	54	37	36	1	35	0	30	0	18	0	48	47	6	12
160	1	44	38	3	0	37	54	1	35	0	31	0	24	0	52	43	5	18
170	1	50	57	2	0	37	36	1	35	0	33	0	42	0	56	39	4	24
180	1	57	13	1	30	33	0	1	35	0	32	0	48	1	0	38	3	42
190	2	3	33	0	36	37	30	1	34	0	32	1	0	1	4	31	2	42
				adde														
200	2	9	48	0	48	37	30	1	34	0	29	1	6	1	8	29	1	6
																	mīue	
210	2	16	3	1	54	37	48	1	34	0	26	1	12	1	12	24	0	24
220	2	22	21	3	6	37	12	1	33	0	22	1	24	1	16	12	1	48
230	2	28	33	4	48	37	12	1	33	0	16	1	30	1	20	4	3	54
240	2	34	45	6	36	37	12	1	33	0	10	1	48	1	23	52	6	6
										meri.		adde						
250	2	40	57	7	24	36	6	1	30	0	0	1	54	1	27	37	7	18
260	2	46	58	9	0	35	48	1	29	0	11	2	18	1	31	28	9	18
270	2	52	56	8	54	34	12	1	26	0	27	2	12	1	35	18	9	36

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		adde		☉			mine	
280	2	58	38	11	18	32	18	1	21	0	43	3	42	1	39	21	12	12
290	3	4	1	14	24	31	6	1	18	1	5	3	0	1	43	30	15	48
300	3	9	12	17	42	23	12	1	13	1	32	3	0	1	48	7	19	18
310	3	14	4	19	36	25	42	1	0	2	2	2	54	1	52	51	21	18
320	3	18	21	22	0	21	30	0	54	2	38	2	12	1	58	8	25	0
330	3	21	56	25	42	16	54	0	42	3	15	2	30	2	4	5	27	48
340	3	24	45	28	12	7	54	0	20	4	4	1	42	2	10	46	36	24
350	3	26	4	31	24	4	0	0	10	4	39	1	54	2	18	56	37	30
	retrog̃d⁹					mine		mine										
352	3	26	12	35	36	1	0	0	2	4	52	1	24	2	20	42	37	42
360	3	26	5	40	6	6	18	0	16	5	32	0	42	2	28	26	42	18
370	3	25	2	43	30	14	18	0	36	6	10	0	48	2	39	1	45	36
												mine						
380	3	22	39	48	0	17	48	0	45	6	50	0	18	2	50	55	44	48

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minc		mine		meri.		adde		☉			mine	
390	3	19	41	49	54	15	42	0	39	7	1	0	6	3	3	26	51	36
400	3	17	4	47	54	9	0	0	23	6	41	1	0	3	15	37	49	18
												mine						
410	3	15	34	42	18	2	54	0	7	6	19	0	18	3	26	45	43	24
	directus					adde												
420	3	15	5	39	36	6	12	0	16	5	43	1	12	3	36	54	40	18
430	3	16	7	35	6	14	48	0	37	4	58	0	48	3	45	36	35	30
440	3	18	35	29	24	20	30	0	51	4	18	1	6	3	52	57	28	30
450	3	22	0	25	0	24	30	1	1	3	48	1	18	3	59	22	24	36
460	3	26	5	22	12	29	30	1	14	3	5	1	54	4	5	13	21	24
470	3	31	0	21	12	31	30	1	19	2	30	2	0	4	10	17	20	0
480	3	36	11	18	0	34	48	1	27	2	5	2	54	4	15	5	16	30
490	3	42	3	15	18	35	36	1	29	1	37	3	0	4	19	24	13	30

Residuū ♂																		
5 30																		
	Locus			Eq̃tio ad di.				ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			adde		adde		adde		meri.		mĩue		☉			mĩue	
500	3	47	59	11	6	36	42	1	32	1	13	2	48	4	23	37	9	0
510	3	54	6	9	18	36	12	1	33	0	54	2	36	4	27	41	7	12
520	4	0	8	9	0	37	48	1	34	0	35	2	12	4	31	55	6	42
530	4	6	26	7	30	38	24	1	36	0	20	1	48	4	35	47	5	6
540	4	12	50	6	18	39	0	1	37	0	10	1	42	4	39	39	4	0
										sept.		adde						
550	4	19	20	5	6	39	0	1	38	0	0	1	36	4	43	23	2	54
560	4	25	50	3	30	39	12	1	38	0	7	1	18	4	47	6	1	30
570	4	32	22	2	0	38	48	1	37	0	12	1	18	4	50	46	0	18
																	adde	
580	4	38	50	1	0	38	48	1	37	0	17	1	6	4	54	24	0	30
590	4	45	18	0	0	38	54	1	37	0	21	1	24	4	58	3	1	6
				mĩue														
600	4	51	47	1	12	38	48	1	37	0	23	0	48	5	1	36	1	54
610	4	58	15	2	6	38	36	1	38	0	26	0	30	5	5	6	2	24
620	5	4	41	2	42	38	48	1	37	0	26	0	30	5	8	35	2	36
630	5	11	0	3	42	38	0	1	35	0	26	0	18	5	11	57	3	12
640	5	17	29	4	0	38	36	1	36	0	25	0	18	5	15	24	3	12
650	5	23	55	4	48	38	24	1	36	0	24	0	18	5	18	42	3	42
660	5	30	19	5	18	38	18	1	36	0	23	0	12	5	21	58	3	48
670	5	36	42	5	36	38	12	1	36	0	22	0	6	5	25	12	3	54
680	5	43	4	6	0	38	0	1	35	0	20	0	6	5	28	24	4	6
690	5	49	24	6	6	38	18	1	36	0	19	0	0	5	31	36	4	36
700	5	55	47	6	24	37	54	1	35	0	17	0	0	5	34	44	4	18
710	0	2	6	6	30	38	18	1	36	0	15	0	0	5	37	55	4	18
720	0	8	29	6	48	38	0	1	35	0	14	0	0	5	41	5	4	36
730	0	14	49	6	42	38	12	1	35	0	13	0	0	5	44	14	4	36
740	0	21	11	6	48	38	6	1	35	0	11	0	0	5	47	22	4	54
												mĩue						
750	0	27	32	6	54	38	12	1	35	0	10	0	6	5	50	34	5	6
760	0	33	34	6	42	38	18	1	36	0	8	0	6	5	53	45	5	12
770	0	40	17	6	30	38	18	1	36	0	6	0	6	5	56	59	5	12
779	0	46	2	6	24			1	36	0	5	0	6	5	59	56	5	18

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elógatio			Equo	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			minue		adde		adde		sept.		minue		☉			adde	
0	0	2	15	6	42	38	18	1	36	0	7	0	6	5	56	54	4	48
												adde						
10	0	8	38	6	48	39	30	1	36	0	5	0	6	0	0	3	5	6
												minue						
20	0	15	3	6	48	38	6	1	35	0	9	0	6	0	3	12	5	12
																	adde	
30	0	21	24	6	48	38	6	1	35	0	9	0	6	0	6	29	5	30
40	0	27	45	6	42	38	12	1	35	0	11	0	6	0	9	47	5	48
50	0	34	7	6	48	38	6	1	35	0	12	0	6	0	13	7	6	18
60	0	40	28	6	36	38	6	1	35	0	14	0	0	0	16	32	6	24
												minue						
70	0	46	49	6	30	37	54	1	35	0	16	0	6	0	20	1	6	42
80	0	53	8	6	6	38	12	1	35	0	17	0	6	0	23	35	6	42
90	0	59	30	5	42	38	0	1	35	0	19	0	6	0	27	9	6	42
100	1	5	50	5	30	38	12	1	35	0	21	0	12	0	30	51	6	54
110	1	12	12	4	48	38	6	1	35	0	22	0	6	0	34	34	6	30
120	1	18	33	4	24	38	18	1	36	0	23	0	6	0	38	22	6	18
130	1	24	56	3	54	38	18	1	36	0	25	0	12	0	42	9	6	0
140	1	31	19	3	6	38	24	1	36	0	26	0	24	0	45	58	5	24
150	1	37	43	2	12	38	30	1	36	0	27	0	30	0	49	49	4	36
160	1	44	8	1	36	38	54	1	37	0	27	0	36	0	53	36	4	0
170	1	50	37	1	6	38	6	1	35	0	25	0	42	0	57	23	3	12
				adde														
180	1	56	58	0	24	38	54	1	37	0	24	0	48	1	1	15	1	42
190	2	3	27	1	0	38	54	1	37	0	22	0	54	1	4	58	0	54
																	minue	
200	2	9	56	2	18	38	36	1	37	0	18	1	0	1	8	40	0	48
210	2	16	22	4	6	39	0	1	37	0	14	1	18	1	12	20	2	48
220	2	22	52	5	12	38	54	1	37	0	8	1	18	1	15	54	4	18
230	2	29	21	6	36	39	0	1	37	0	1	1	36	1	19	25	6	6
										meri.		adde						
240	2	35	51	7	9	38	0	1	35	0	8	1	42	1	22	51	7	0
250	2	42	11	8	6	37	42	1	34	0	19	2	0	1	26	24	8	24
260	2	48	28	9	36	35	42	1	29	0	34	1	54	1	29	55	10	18

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	Direct⁹			adde		adde		adde		meri.		adde		☉			minue	
270	2	54	25	11	54	36	36	1	31	0	49	2	24	1	33	42	12	48
280	3	0	31	14	30	35	24	1	28	1	10	2	24	1	37	19	15	54
290	3	6	25	17	0	34	24	1	26	1	35	1	42	1	41	2	18	36
300	3	12	9	18	30	31	6	1	18	2	2	1	24	1	44	54	20	12
310	3	17	20	20	6	29	6	1	3	2	31	1	48	1	49	18	22	6
320	3	22	11	21	54	24	12	1	0	3	0	2	6	1	53	58	24	0
330	3	26	13	25	36	19	24	0	48	3	40	1	12	1	59	27	27	48
340	3	29	27	29	18	15	6	0	38	4	21	0	54	2	5	42	31	24
350	3	31	58	31	18	4	48	0	12	4	58	0	30	2	12	41	33	30
	retrog̃d⁹					minue		minue										
360	3	32	46	37	18	2	54	0	7	5	39	1	12	2	21	22	39	18
370	3	32	17	41	36	9	48	0	25	6	18	1	48	2	31	25	43	24
380	3	30	39	44	42	15	54	0	39	6	47	2	6	2	42	37	40	24

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue		minue		meri.		minue		☉			minue	
390	3	28	0	47	42	17	42	0	44	7	2	3	6	2	54	50	49	6
400	3	25	3	46	54	14	36	0	36	7	7	2	0	3	7	24	48	0
410	3	22	7	45	18	5	36	0	14	6	16	2	24	3	19	31	46	0
420	3	21	41	37	48	0	0	0	0	5	31	2	48	3	30	11	39	12
	Directus					adde		adde										
424	3	21	41	37	6	2	50	0	7	5	17	3	12	3	34	6	37	18
430	3	21	58	32	54	9	6	0	23	4	50	3	12	3	39	41	32	48
440	3	23	29	28	42	16	6	0	40	4	2	2	54	3	48	2	28	18
450	3	26	10	26	18	21	42	0	54	3	25	3	42	3	55	16	25	30
460	3	29	47	22	12	28	30	1	11	2	40	4	12	4	1	39	21	0
470	3	34	32	17	24	28	18	1	11	2	10	3	48	4	6	57	15	54
480	3	39	15	14	24	32	6	1	20	1	36	3	30	4	12	20	12	36
490	3	44	36	11	10	31	24	1	19	1	7	3	6	4	17	9	8	54
500	3	49	50	10	30	34	54	1	27	0	41	2	36	4	22	7	8	24

Residuum ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g̃	m̃	m̃	2	m̃	2	m̃	2	m̃	g̃	m̃	2	S	g̃	m̃	m̃	2
es	Directus			adde		adde		adde		meri.		mĩue		☉			mĩue	
510	3	55	39	9	24	35	54	1	29	0	28	2	36	4	26	29	7	6
520	4	1	38	7	30	36	18	1	31	0	13	2	6	4	30	44	5	6
530	4	7	41	6	6	37	12	1	33	0	2	1	48	4	34	56	3	48
										sept.		adde						
540	4	13	53	4	6	37	48	1	34	0	7	1	36	4	38	59	1	54
550	4	20	11	2	6	37	24	1	34	0	15	1	18	4	42	54	0	6
																	adde	
560	4	26	25	0	54	37	42	1	34	0	20	1	12	4	46	51	0	48
				mĩue														
570	4	32	42	0	6	37	48	1	34	0	25	1	0	4	50	43	1	30
580	4	39	0	1	12	37	48	1	34	0	28	0	48	4	54	29	2	18
590	4	45	18	1	48	37	42	1	34	0	35	0	12	4	58	14	2	30
600	4	51	35	2	24	37	54	1	35	0	31	0	30	5	1	55	3	6
610	4	57	54	3	24	38	0	1	35	0	31	0	30	5	5	30	3	18
620	5	4	14	4	30	37	48	1	35	0	31	0	18	5	9	1	4	0
630	5	10	32	4	48	37	42	1	35	0	29	0	24	5	12	29	4	0
640	5	16	49	5	12	37	48	1	35	0	24	0	12	5	15	56	4	0
650	5	23	7	5	24	37	54	1	35	0	27	0	6	5	19	19	3	54
660	5	29	26	6	0	38	0	1	35	0	25	0	6	5	22	36	4	18
670	5	35	46	6	24	37	48	1	35	0	23	0	0	5	25	51	4	30
680	5	42	4	6	24	37	54	1	35	0	21	0	6	5	29	5	4	18
690	5	48	23	6	42	38	0	1	35	0	19	0	0	5	32	16	4	36
												mĩue						
700	5	54	43	6	54	37	48	1	35	0	17	0	6	5	35	27	4	45
710	0	1	1	7	0	38	0	1	35	0	15	0	0	5	38	38	4	54
720	0	7	21	7	0	38	6	1	35	0	14	0	6	5	41	51	4	54
730	0	13	42	7	0	38	6	1	35	0	13	0	6	5	45	0	5	6
740	0	20	3	6	54	38	0	1	35	0	11	0	6	5	48	11	5	6
750	0	26	23	6	30	38	24	1	36	0	9	0	0	5	51	25	5	0
760	0	32	47	6	18	38	30	1	36	0	7	0	0	5	54	37	5	0
770	0	39	12	6	12	38	30	1	36	0	5	0	0	5	57	51	5	18
												adde						
779	0	44	58	5	54			1	36	0	4	0	6	0	0	49	5	24

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	Locus			Eqtio		ad di.		ad ho.		Lati.		Eqtio		Elogatio			Eqtio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	directus			miue		adde		adde		sept.		miue		☉			adde	
0	0	1	8	6	48	38	12	1	35	0	6	0	6	5	57	42	5	0
												adde						
10	0	7	30	6	42	38	30	1	36	0	6	0	6	0	0	54	5	6
20	0	13	55	6	54	38	6	1	35	0	8	0	6	0	4	5	5	42
30	0	20	16	6	42	38	12	1	35	0	10	0	6	0	7	24	5	48
40	0	26	38	6	36	38	6	1	35	0	12	0	0	0	10	45	6	6
												miue						
50	0	32	56	6	24	38	18	1	36	0	14	0	6	0	14	10	6	12
60	0	39	22	6	12	38	12	1	36	0	14	0	0	0	17	36	6	24
70	0	45	44	5	54	38	38	1	36	0	15	0	0	0	21	8	6	30
80	0	52	7	5	18	38	36	1	36	0	16	0	0	0	24	42	6	24
90	0	58	33	5	6	38	12	1	36	0	28	0	12	0	28	16	6	30
100	1	4	55	4	30	38	54	1	36	0	19	0	12	0	32	0	6	12
110	1	11	24	4	6	38	30	1	36	0	21	0	18	0	35	39	6	0
120	1	17	49	3	12	38	48	1	37	0	22	0	18	0	39	25	5	18
130	1	24	17	2	18	39	6	1	38	0	22	0	24	0	43	9	4	36
140	1	30	48	1	48	39	18	1	38	0	22	0	30	0	46	52	4	12
150	1	37	21	1	0	39	6	1	38	0	22	0	42	0	50	35	3	18
				adde														
160	1	43	52	0	6	39	30	1	38	0	21	0	48	0	54	16	2	6
170	1	50	27	0	48	39	30	1	30	0	19	0	54	0	57	55	1	18
180	1	57	2	2	6	39	30	1	39	0	16	0	54	1	1	32	0	12
190	2	3	37	3	36	40	12	1	40	0	13	1	6	1	5	7	2	6
200	2	10	19	4	30	40	24	1	41	0	8	1	12	1	8	32	3	12
210	2	17	3	5	18	40	6	1	41	0	1	1	6	1	11	52	4	24
										meri.		adde						
220	2	23	44	6	42	40	18	1	41	0	5	1	30	1	15	11	6	18
230	2	30	27	7	6	39	30	1	38	0	15	1	24	1	18	24	7	0
240	2	37	2	8	48	39	0	1	38	0	25	1	48	1	21	41	9	6
250	2	43	32	10	12	39	12	1	38	0	39	1	54	1	25	0	10	54
260	2	50	4	12	24	38	0	1	35	0	53	2	6	1	28	12	13	18
270	2	56	24	15	6	39	12	1	38	1	13	1	36	1	31	34	16	30

Residuũ ♂

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃uo	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	Direct°			adde		adde		adde		meri.		adde			☉		adde	
280	3	2	56	15	42	37	54	1	35	1	34	1	30	1	34	40	17	18
290	3	9	5	16	24	35	54	1	30	1	52	1	54	1	37	56	18	12
300	3	15	14	16	42	32	42	1	22	2	16	1	36	1	41	32	18	42
310	3	20	41	19	54	30	54	1	17	2	49	1	0	1	45	37	22	0
320	3	25	50	21	54	27	54	1	10	3	21	0	6	1	49	58	24	6
												mĩue						
330	3	30	29	23	36	23	9	0	58	3	52	0	6	1	54	49	25	42
340	3	34	20	25	48	17	6	0	43	4	30	1	24	2	0	28	28	0
350	3	37	11	26	6	10	48	1	24	5	3	1	36	2	7	6	31	6
360	3	38	59	31	42	2	0	0	5	5	27	1	36	2	14	50	33	30
	retrog̃d°					mĩue		mĩue,										
368	3	39	15	35	6	1	0	0	3	5	51	2	48	2	22	14	36	30
370	3	39	13	36	36	6	42	0	17	6	0	3	24	2	24	11	38	18
380	3	38	6	38	42	12	54	0	32	6	24	4	54	2	34	53	40	6

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	Locus			Eq̃tio		ad di.		ad ho.		Lati.		Eq̃tio		Elõgatio			Eq̃tio	
Di	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
es	retrog̃d°			adde		mĩue		mĩue		meri.		mĩue			☉		mĩue	
390	3	35	57	40	48	18	30	0	36	6	31	4	18	2	46	39	41	54
400	3	32	52	41	54	16	12	0	40	6	31	5	42	2	59	24	42	36
410	3	30	10	38	6	12	9	0	30	5	52	4	42	3	11	51	36	30
420	3	28	9	34	54	4	12	0	12	5	3	3	54	3	23	39	34	54
	Directus					adde		adde										
430	3	27	27	42	48	4	54	0	12	4	18	4	42	3	34	13	32	24
440	3	28	16	27	36	13	42	0	34	3	33	5	0	3	43	19	26	48
450	3	30	33	23	0	17	36	0	40	2	48	5	0	3	51	1	20	48
460	3	33	29	17	30	23	42	0	49	2	4	4	0	3	58	9	16	0
470	3	37	26	13	12	25	18	1	3	1	32	4	6	4	4	18	11	24
480	3	41	39	12	48	28	42	1	12	1	1	3	42	4	10	14	10	42
490	3	46	26	10	39	30	54	1	17	0	36	3	0	4	15	40	8	30

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Dies	Locus			Eqtio		ad Di.		ad ho		Lati.		Eqtio		Elogatio			Eqtio	
	S	g	m	m	2	m	2	m	2	g	m	m	2	S	g	m	m	2
	Directus			adde		adde		adde		meri.		minue		☉			minue	
500	3	51	35	9	0	33	48	1	24	0	19	2	36	4	20	43	6	36
510	3	57	13	7	0	34	0	1	25	0	2	2	12	4	25	18	4	24
										sept.		adde						
520	4	2	53	4	42	34	54	1	27	0	8	2	0	4	29	53	2	24
530	4	8	42	3	6	35	12	1	28	0	16	1	48	4	34	18	0	24
																	adde	
540	4	14	34	1	48	35	48	1	30	0	23	1	36	4	38	40	0	12
550	4	20	32	0	30	36	12	1	31	0	28	1	30	4	42	53	1	12
				minue														
560	4	26	34	0	36	36	42	1	32	0	32	1	12	4	46	59	2	0
570	4	32	41	1	36	36	42	1	32	0	35	0	48	4	50	58	2	42
580	4	38	48	2	36	37	12	1	33	0	36	0	42	4	54	52	3	18
590	4	45	0	3	18	36	42	1	32	0	37	0	30	4	58	59	3	36
600	4	51	7	4	6	37	18	1	33	0	36	0	36	5	2	26	4	0
610	4	57	20	4	42	36	54	1	32	0	36	0	18	5	6	3	4	12
620	5	3	29	5	6	37	30	1	34	0	34	0	12	5	10	41	4	18
630	5	9	44	5	36	37	18	1	33	0	33	0	0	5	13	9	4	24
640	5	15	57	6	0	37	36	1	34	0	30	0	12	5	16	36	4	30
650	5	22	13	6	36	37	48	1	33	0	28	0	6	5	19	58	4	54
660	5	28	26	6	24	37	36	1	34	0	26	0	6	5	23	19	4	30
670	5	34	42	6	36	37	48	1	34	0	23	0	0	5	26	36	4	30
												minue						
680	5	41	0	6	54	37	36	1	34	0	22	0	6	5	29	48	4	48
690	5	47	16	6	54	37	48	1	34	0	19	0	6	5	33	2	4	42
770	5	53	34	6	54	37	42	1	34	0	16	0	0	5	36	14	4	48
710	5	59	51	6	54	38	0	1	35	0	15	0	6	5	39	27	4	48
720	0	6	11	6	48	38	6	1	35	0	13	0	0	5	42	40	4	54
730	0	11	22	6	48	38	12	1	33	0	12	0	12	5	45	51	5	0
740	0	18	54	6	30	38	24	1	36	0	10	0	6	5	49	2	5	0
750	0	25	18	6	24	38	36	1	36	0	9	0	12	5	52	15	5	6
760	0	31	44	6	0	38	36	1	37	0	7	0	12	5	55	27	5	6
												adde						
670	0	38	10	5	36	38	48	1	37	0	5	0	6	5	58	44	5	6
779	0	43	59	5	12			1	37	0	5	0	0	0	1	43	5	6

Tabula radicũ Veneris in annis collectis.

Anni	Superatio di.	ho.	m	motus S	g	m
40	11	19	59	5	48	38
80	23	15	58	5	37	16
120	35	11	57	5	15	54
160	47	7	56	5	14	31
200	59	3	54	5	3	9
240	70	23	53	4	51	47
280	82	19	52	4	40	25
320	94	15	51	4	29	3
360	106	11	50	4	17	41
400	118	7	49	4	6	19
440	130	3	48	3	54	57
480	141	23	47	3	43	34
520	153	19	46	3	32	12
560	165	15	45	3	20	50
600	177	11	43	3	9	28
640	189	7	43	2	58	6
680	201	3	41	2	46	44
720	212	23	40	2	35	22
760	224	19	39	2	24	0
800	236	15	38	2	12	37
840	248	11	37	2	1	15
880	260	7	36	1	49	53
920	272	3	35	1	38	31
960	283	23	33	1	27	9
1000	295	19	32	1	15	47
1040	307	15	31	1	4	25
1080	319	11	30	0	53	2
1120	331	7	29	0	41	40
1160	343	3	28	0	30	18
1200	354	23	27	0	18	56
1240	366	19	26	0	7	24
1280	378	15	25	5	56	12
1320	390	11	24	5	44	50
1360	402	7	22	5	33	20
1400	414	3	21	5	22	5
1440	425	23	20	5	10	43
1480	437	19	19	4	59	21
1520	449	15	18	4	47	59
1560	461	11	17	4	36	37
1600	473	7	16	4	25	15
1640	485	3	15	4	13	53
1680	496	23	14	4	2	31
1720	508	19	12	3	51	8
1760	520	15	11	3	39	46
1800	532	11	10	3	28	24
1840	544	7	9	3	17	2
1880	556	3	8	3	5	40
1920	567	2	37	2	54	18
1960	579	19	6	2	42	56
2000		7	16	50	2	7	6

Tabule radicum ♀ in annis expansis.

Anni	Superatio di.	ho.	m	motus S	g	m
1	365	0	0	0	0	0
2	146	1	46	3	35	33
3	511	1	46	3	35	33
4	293	3	31	1	11	5
5	74	5	17	4	46	38
6	439	5	17	4	46	38
7	220	7	2	2	22	11
8	2	8	48	5	57	44
9	367	8	48	5	57	44
10	148	10	33	3	33	16
11	513	10	33	3	33	16
12	295	12	19	1	8	49
13	76	14	4	4	44	22
14	441	14	4	4	44	22
15	222	15	50	2	19	54
16	4	17	36	5	55	27

¶ Residuũ tabule radicũ ♀

in ãnis expãsis	Supatio Di.	ho	m̃	motus S	g̃	m̃
an 17 ni	369	17	36	5	55	27
18	150	19	21	3	31	0
19	515	19	21	3	31	0
20	297	21	7	1	6	33
21	78	22	52	4	42	5
22	443	22	52	4	42	5
23	225	0	38	2	17	38
24	7	2	23	5	53	11
25	37	2	23	5	53	11
26	153	4	9	3	28	43
27	518	4	9	3	28	43
28	300	5	54	1	4	16
29	81	7	40	4	39	49
30	446	7	40	4	39	49
31	227	9	20	2	15	22
32	9	11	11	5	50	54
33	374	11	11	5	50	54
34	155	12	57	3	26	27
35	520	12	57	3	26	27
36	302	14	42	1	2	0
37	83	16	28	4	37	32
38	448	16	28	4	37	32
39	229	18	13	2	13	5
40	11	19	59	5	48	38

Radices ♀

xpi	209	18	40	1	11	32
1400	39	23	47	4	9	10
1440	51	19	46	3	57	48

Tabella brevis

Dies	minue		ꝑmotꝰ adde		
583	22	14	3	35	33
1167	20	29	1	11	5
1751	18	43	4	46	38
2335	16	58	2	22	11

¶ Tabula medij motus ♀

in diebus Di.	S	g̃	m̃	2	in horis ho	S	g̃	m̃	2
700	0	0	0	0	1	0	0	1	32
600	0	0	0	0	2	0	0	3	5
500	5	8	15	25	3	0	0	4	37
400	4	6	36	20	4	0	0	6	10
300	3	4	57	15	5	0	0	7	42
200	2	3	18	10	6	0	0	9	15
100	1	1	39	5	7	0	0	10	47
90	0	55	29	11	8	0	0	12	19
80	0	49	19	16	9	0	0	13	52
70	0	43	9	22	10	0	0	15	24
60	0	36	59	27	11	0	0	16	57
50	0	30	49	33	12	0	0	18	30
40	0	24	39	38	13	0	0	20	2
30	0	18	29	44	14	0	0	21	34
20	0	12	19	49	15	0	0	23	7
10	0	6	9	55	16	0	0	24	39
9	0	5	32	55	17	0	0	26	12
8	0	4	55	56	18	0	0	27	45
7	0	4	18	56	19	0	0	29	17
6	0	3	41	57	20	0	0	30	49
5	0	3	4	57	21	0	0	32	22
4	0	2	27	58	22	0	0	33	54
3	0	1	50	58	23	0	0	35	26
2	0	1	13	59	24	0	0	36	59
1	0	0	36	59	25	0	0	38	31
					26	0	0	40	3
					27	0	0	41	36
					28	0	0	43	8
					29	0	0	44	41
					30	0	0	46	13

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elōga.		Equo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			minue		adde			adde		sept.		adde		☉		adde	
0	0	0	0	1	12	1	13	18	3	3	0	10	1	0	0	0	0	54
10	0	12	13	1	18	1	13	12	3	3	0	28	1	0	2	43	0	54
20	0	24	25	1	12	1	13	6	3	3	0	44	0	54	5	24	0	48
30	0	36	36	1	12	1	13	30	3	3	1	2	0	12	8	4	0	48
40	0	48	51	0	48	1	13	18	3	3	1	11	0	18	10	45	0	48
													minue					
50	1	1	4	0	36	1	13	30	3	4	1	17	0	6	13	23	0	48
60	1	13	19	0	24	1	13	48	3	4	1	19	0	30	16	1	0	36
70	1	25	37	0	12	1	13	48	3	4	1	11	0	48	18	37	0	24
80	1	37	55	0	0	1	13	54	3	5	1	0	1	18	21	10	0	24
				adde														
90	1	50	14	0	24	1	14	0	3	2	0	42	1	12	23	42	0	18
100	2	2	35	0	36	1	14	0	3	5	0	24	1	18	26	9	0	12
110	2	14	54	0	54	1	14	6	3	5	0	2	1	30	28	34	0	6
											meri.		adde				minue	
120	2	27	15	1	6	1	13	54	3	5	0	24	1	42	30	55	0	6
130	2	39	34	1	24	1	13	54	3	5	0	48	1	24	33	11	0	6
140	2	51	53	1	42	1	13	36	3	4	1	11	1	24	35	24	0	12
150	3	4	0	1	42	1	12	54	3	2	1	36	0	42	37	29	0	24
160	3	16	18	1	42	1	12	30	3	1	1	52	0	30	39	27	0	50
													minue					
170	3	28	23	1	42	1	11	36	2	59	2	6	0	18	41	18	0	36
180	3	40	19	1	42	1	10	12	2	56	2	9	0	42	43	0	0	42
190	3	52	1	1	24	1	9	0	2	53	2	6	1	30	44	27	0	54
195	3	57	46	1	24	1	8	24	2	51	2	0	1	48	45	5	0	42
200	4	3	28	1	18	1	6	48	2	49	1	50	2	0	45	40	0	48
205	4	9	2	1	24	1	5	36	2	44	1	39	2	0	46	9	0	42
210	4	14	30	1	12	1	4	48	2	42	1	26	2	36	46	30	0	48
215	4	16	54	1	6	1	3	12	2	38	1	11	2	54	46	48	0	48
220	4	25	10	0	42	1	0	48	2	32	0	47	2	48	46	58	1	0
225	4	30	14	0	12	0	58	36	2	27	0	24	3	30	46	58	1	18
											sept.		adde					
230	4	35	7	0	6	0	56	0	2	20	0	1	3	18	46	47	1	18

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Di	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elóga.		Eqtio	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		sept.		adde		☉		minue	
235	4	39	47	0	0	0	51	48	2	10	0	26	3	54	46	24	1	12
				minue														
240	4	44	6	0	6	0	48	36	2	1	0	57	4	6	45	42	1	12
245	4	48	9	0	24	0	44	24	1	51	1	35	4	0	44	44	1	18
250	4	51	51	0	54	0	38	12	1	35	2	14	3	42	43	25	1	30
255	4	57	2	1	15	0	31	12	1	18	2	52	3	6	41	37	1	36
260	4	57	38	1	24	0	23	24	0	58	3	27	2	42	39	15	1	42
265	4	59	35	1	48	0	13	48	0	34	4	6	1	54	36	12	1	54
270	5	0	44	2	6	0	3	45	0	9	4	37	1	54	32	27	2	0
	retrogd⁹					minue			minue									
274	5	0	59	2	18	0	2	0	0	5	5	8	1	12	28	45	1	54
275	1	0	57	2	36	0	8	24	0	21	5	11	0	48	27	44	2	12
280	5	0	15	3	6	0	21	0	0	52	5	43	0	30	22	7	2	30
285	4	58	30	3	0	0	30	12	1	16	6	18	1	30	15	29	2	24
290	4	55	59	3	12	0	34	48	1	27	6	36	2	6	8	6	2	24
295	4	53	5	3	24	0	35	24	1	28	6	49	2	48	0	19	2	24
																	adde	
300	4	50	8	3	24	0	28	48	1	12	5	54	5	0	7	29	2	12
305	4	47	44	3	30	0	20	0	0	50	4	55	4	42	14	43	2	6
310	4	46	4	3	18	0	7	36	0	19	3	55	5	18	21	12	1	48
315	4	45	26	3	24	0	3	0	0	7	2	56	4	30	26	40	1	42
	Directus					adde			adde									
317	4	45	20	2	54	0	6	0	0	15	2	34	5	6	28	40	1	12
320	4	45	38	3	6	0	14	0	0	35	2	3	4	42	31	14	1	24
325	4	46	45	2	54	0	22	12	0	55	1	18	4	36	34	52	1	6
330	4	48	39	2	30	0	31	12	1	18	0	39	5	42	37	48	1	36
											meri.		adde					
335	4	51	15	2	36	0	36	48	1	32	0	2	5	6	40	0	0	36
340	4	54	19	2	30	0	42	12	2	45	0	44	3	48	41	41	0	24
345	4	57	50	2	24	0	46	24	1	56	1	14	3	0	42	56	0	12
350	5	1	42	2	24	0	49	48	2	0	1	36	3	0	43	49	0	18
355	5	5	51	2	18	0	53	24	2	13	1	59	2	24	44	24	c	12
360	5	10	18	2	12	0	55	48	2	20	2	10	2	0	44	43	0	0

Reſiduū ♀

						o					o							
	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			miue		adde			adde		meri.		adde		☉		adde	
365	5	14	57	2	6	0	58	12	2	25	2	20	1	36	44	49	0	0
370	5	19	48	2	12	1	0	0	2	30	2	28	0	48	44	43	0	6
375	5	24	48	2	18	1	0	36	2	32	2	31	6	42	44	29	0	6
380	5	29	51	2	6	1	2	24	1	36	2	29	0	36	44	21	0	0
													miue				miue	
385	5	35	3	1	54	1	4	12	2	40	2	30	0	6	43	43	0	6
390	5	40	24	2	0	1	5	24	2	41	2	26	0	18	43	8	0	6
400	5	51	18	1	36	1	7	12	2	48	2	10	1	12	41	47	0	0
410	0	2	30	1	42	1	8	18	2	51	1	47	1	0	40	10	0	6
420	0	13	53	1	30	1	9	24	2	54	1	24	1	42	38	23	0	12
430	0	25	27	1	6	1	10	30	2	56	0	55	1	42	36	28	0	18
440	0	37	12	1	0	1	11	30	2	59	0	27	1	42	34	26	0	24
											ſept.		adde					
450	0	49	7	0	36	1	12	12	3	1	0	0	1	36	32	16	0	30
460	1	1	9	0	30	1	12	48	3	2	0	23	1	48	30	5	0	42
470	1	13	17	0	6	1	13	24	3	4	0	46	1	30	27	50	0	42
				adde														
480	1	25	31	0	18	1	14	6	3	5	1	4	1	18	25	34	0	42
490	1	37	52	0	42	1	14	36	3	7	1	19	0	36	23	14	0	42
500	1	50	18	0	48	1	15	6	3	8	1	24	0	24	20	53	0	54
510	2	2	49	1	6	1	15	18	3	8	1	25	0	6	18	30	0	54
													miue					
520	2	15	22	1	12	1	15	42	3	9	1	19	0	30	19	8	0	54
530	2	27	59	1	18	1	15	48	3	9	1	9	0	43	13	44	1	0
540	2	40	37	1	24	1	16	6	3	10	0	55	1	0	11	20	1	0
550	2	53	18	1	24	1	16	6	3	10	0	36	1	6	8	53	1	0
560	3	5	59	1	18	1	16	6	3	10	0	17	1	12	6	27	0	54
											meri.		adde					
570	3	18	40	1	12	1	15	54	3	18	0	4	1	6	3	59	0	54
580	3	31	19	1	12	1	16	0	3	10	0	22	0	54	1	32	0	48
583	3	35	7	0	54				3	10	0	26	0	54	0	47	0	48

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	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elõga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		sept.		adde		☉		adde	
0	5	59	48	1	12	1	13	12	3	3	0	20	1	0	0	9	1	0
10	0	12	0	1	18	1	13	18	3	3	0	38	0	54	2	52	0	42
20	0	24	13	1	12	1	13	18	3	3	0	53	0	42	5	32	0	42
30	0	36	26	1	0	1	13	42	3	4	1	4	0	30	8	12	0	42
													minue					
40	0	48	43	0	48	1	13	30	3	4	1	14	0	6	10	53	0	36
50	1	0	58	0	30	1	13	42	3	4	1	18	0	24	13	31	0	30
60	1	13	15	0	6	1	14	0	3	5	1	14	0	48	16	7	0	30
				adde														
70	1	25	35	0	6	1	14	0	3	5	1	3	1	6	18	41	0	30
80	1	37	55	0	18	1	14	18	3	6	0	47	1	0	21	14	0	12
90	1	50	18	0	36	1	14	12	3	6	0	20	1	18	23	55	0	12
100	2	2	40	1	0	1	14	18	3	6	0	11	1	42	26	11	0	6
											meri.		adde				minue	
110	2	15	3	1	6	1	14	18	3	6	0	13	1	42	28	35	0	6
120	2	27	26	1	24	1	14	12	3	6	0	41	1	0	30	54	0	6
130	2	39	48	1	30	1	14	12	3	5	1	2	1	12	33	10	0	24
140	2	52	10	1	36	1	13	36	3	4	1	25	0	48	35	22	0	30
150	3	4	26	1	36	1	12	54	3	2	1	43	0	36	37	25	0	36
160	3	16	15	1	36	1	12	30	3	1	1	57	0	0	39	22	0	42
													minue					
170	3	28	40	1	30	1	11	36	2	57	2	3	0	30	41	12	0	54
180	3	40	36	1	30	1	9	54	2	55	2	2	1	18	42	53	0	48
190	3	52	15	1	24	1	9	0	2	53	1	51	1	48	44	18	0	42
195	3	58	0	1	18	1	8	12	2	51	1	42	1	48	44	58	0	48
200	4	3	41	1	6	1	7	0	2	48	1	30	2	18	45	32	0	54
205	4	9	16	1	0	1	5	12	2	43	1	19	2	48	46	2	0	54
210	4	14	42	0	36	1	4	36	2	41	1	0	2	36	46	22	1	6
215	4	20	5	0	12	1	2	24	2	36	0	42	3	24	46	40	1	18
220	4	25	17	0	6	0	59	48	2	30	0	19	3	12	46	48	1	18
											sept.		adde					
225	4	30	16	0	6	0	58	24	2	26	0	11	3	12	46	45	1	6
				minue														
230	4	35	8	0	6	0	55	48	2	20	0	34	3	36	46	34	1	6

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	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Eloga.		Eq̃tio	
Di	S	g̈	m̃	m̃	2	g̈	m̃	2	m̃	2	g̈	m̃	m̃	2	g̈	m̃	m̃	2
es	directus			minue		adde			adde		sept.		adde		☉		minue	
235	4	39	47	0	30	0	51	36	2	9	1	5	3	12	49	12	1	18
240	4	44	5	0	42	0	48	0	2	0	1	38	3	0	45	30	1	18
245	4	48	5	1	6	0	43	24	1	49	2	15	2	48	44	31	1	30
250	4	51	42	1	18	0	37	36	1	37	2	51	2	24	43	10	1	36
255	4	54	50	1	54	0	30	48	1	17	3	23	2	30	41	21	2	0
260	4	57	24	2	6	0	22	36	0	57	2	54	2	12	38	58	2	0
265	4	59	17	2	30	0	13	12	0	33	4	25	1	48	35	55	2	6
270	5	0	23	3	12	0	5	15	0	13	4	56	0	36	32	7	2	36
	retrog̃d⁹					minue												
274	5	0	36	3	12	0	5	0	0	12	5	20	0	18	28	26	2	36
													minue					
275	5	0	31	3	12	0	9	24	0	20	5	27	0	30	27	22	2	36
280	4	59	44	3	42	0	20	42	0	52	5	48	0	54	22	42	2	54
285	4	58	0	4	12	0	30	36	1	16	6	3	1	36	15	5	3	12
290	4	55	27	4	30	0	35	12	1	28	6	15	3	36	7	42	3	18
295	4	52	31	4	54	0	35	24	1	28	6	21	5	0	0	5	3	30
300	4	49	34	4	42	0	29	0	1	12	5	4	5	36	7	51	3	12
305	4	47	9	4	18	0	19	36	0	49	4	8	5	42	15	4	2	42
310	4	45	31	4	6	0	7	48	0	19	3	2	5	12	21	30	2	24
315	4	44	54	3	54	0	0	30	0	1	2	5	5	30	26	57	2	6
	Directus					adde			adde									
317	4	44	51	3	42	0	5	20	0	12	1	43	5	24	28	52	1	36
320	4	45	7	3	18	0	14	24	0	36	1	15	5	6	31	28	1	24
325	4	46	19	3	30	0	23	0	0	57	0	32	5	48	35	3	1	30
											meri.		adde					
330	4	48	14	3	18	0	31	0	1	17	0	18	4	24	37	54	1	12
335	4	50	49	3	6	0	37	0	1	32	0	53	4	12	40	6	0	54
340	4	53	54	2	42	0	42	24	1	46	1	22	3	18	41	45	0	36
345	4	57	26	2	42	0	46	24	1	54	1	44	3	6	42	58	0	36
350	5	1	18	2	42	0	50	0	2	5	2	6	2	24	43	52	0	30
355	5	5	28	2	24	0	53	36	2	14	2	16	2	0	44	26	0	18
360	5	9	56	2	24	0	56	0	2	20	2	30	1	18	44	43	0	18

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	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directꝰ			miue		adde			adde		meri.		adde		☉		adde	
365	5	14	36	2	42	0	58	0	2	25	2	36	1	0	44	49	0	30
370	5	19	26	2	12	0	59	48	2	30	2	36	0	54	44	44	0	6
375	5	24	25	2	12	1	1	0	2	33	2	38	0	18	44	30	0	12
380	5	29	30	2	6	1	2	48	2	37	2	35	0	12	44	11	0	12
													miue					
385	5	34	44	2	0	1	4	0	2	42	2	29	0	42	43	42	0	12
390	5	40	4	1	42	1	5	48	2	45	2	23	1	12	43	9	0	0
400	5	51	2	1	48	1	7	6	2	48	1	58	1	0	41	47	0	12
410	0	2	13	1	30	1	8	30	2	51	1	37	1	42	40	11	0	18
420	0	13	38	1	12	1	9	48	2	54	1	7	1	48	38	25	0	24
430	0	25	16	1	0	1	10	36	2	56	0	38	1	48	36	31	0	24
440	0	37	2	0	36	1	11	54	3	0	0	10	1	48	34	30	0	30
											sept.		adde					
450	0	49	1	0	18	1	12	18	3	1	0	16	1	54	32	21	0	36
				adde														
460	1	1	4	0	6	1	13	12	3	3	0	41	1	36	30	12	0	30
470	1	13	16	0	24	1	13	48	3	5	1	1	1	24	27	57	0	36
480	1	25	34	0	42	1	14	30	3	6	1	17	0	48	25	41	0	42
490	1	37	59	0	42	1	14	42	3	7	1	25	0	30	23	21	1	0
500	1	50	26	1	6	1	15	24	3	8	1	28	0	18	21	2	0	57
													miue					
510	2	3	0	1	6	1	15	24	3	8	1	26	0	24	18	39	1	0
520	2	15	34	1	24	1	15	48	3	9	1	14	0	30	16	17	1	0
530	2	28	12	1	24	1	15	54	3	10	1	2	0	54	13	54	1	0
540	2	40	51	1	24	1	16	6	3	10	0	45	1	6	11	30	0	54
550	2	53	32	1	12	1	16	0	3	10	0	25	1	6	9	3	0	54
560	3	6	12	1	24	1	16	0	3	10	0	5	1	12	6	36	0	42
											meri.		adde					
570	3	18	52	1	12	1	15	54	3	10	0	25	1	0	4	8	0	42
580	3	31	31	0	54	1	15	20	3	9	0	31	0	54	1	40	0	36
583	3	35	17	0	54				3	9	0	35	0	54	0	55	0	36

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			mĩue		adde			adde		sept.		adde		☉		adde	
0	5	59	36	1	12	1	13	6	3	3	0	30	1	0	0	19	0	48
10	0	11	47	0	54	1	13	24	3	4	0	47	0	36	2	59	0	54
20	0	24	1	0	42	1	13	30	3	4	1	0	0	30	5	39	0	54
30	0	36	16	0	30	1	13	54	3	5	1	9	0	0	8	19	0	54
													mĩue					
40	0	48	35	0	24	1	13	48	3	5	1	13	0	12	10	59	0	36
50	1	0	53	0	12	1	14	6	3	5	1	12	0	30	13	36	0	24
60	1	13	14	0	0	1	14	12	3	5	1	6	0	54	16	12	0	24
				adde														
70	1	25	36	0	12	1	14	12	3	6	0	52	0	54	18	46	0	6
80	1	37	58	0	36	1	14	36	3	6	0	37	1	12	21	16	0	12
90	1	50	24	0	48	1	14	36	3	6	0	17	1	18	23	47	0	6
											meri.		adde					
100	2	2	50	1	0	1	14	24	3	6	0	6	1	12	26	12	0	12
110	2	15	14	1	18	1	14	36	3	6	0	30	1	6	28	34	0	18
120	2	27	40	1	24	1	14	18	3	6	0	51	1	24	30	53	0	36
130	2	40	3	1	33	1	14	18	3	6	1	14	1	0	33	6	0	30
140	2	52	26	1	33	1	13	36	3	4	1	33	0	48	35	17	0	42
150	3	4	42	1	36	1	12	54	3	2	1	49	0	6	37	19	0	42
													mĩue					
160	3	16	51	1	36	1	12	24	3	1	1	57	0	24	39	15	0	48
170	3	28	55	1	30	1	11	36	2	59	1	58	1	0	41	3	0	48
180	3	40	51	1	12	1	9	48	2	55	1	49	1	30	42	45	0	54
190	3	52	29	1	0	1	8	48	2	52	1	33	2	6	44	11	1	0
195	3	58	13	0	54	1	7	48	2	50	1	24	2	30	44	50	1	0
200	4	3	52	0	36	1	6	48	2	47	1	7	2	24	45	23	1	6
205	4	9	26	0	18	1	4	24	2	41	0	51	2	48	45	53	1	12
210	4	14	48	0	18	1	3	48	2	39	0	34	2	54	46	11	1	6
215	4	20	7	0	6	1	2	12	2	35	0	19	2	54	46	27	1	6
				mĩue							sept.		adde					
220	4	25	18	0	6	0	59	48	3	30	0	15	3	6	46	35	1	6
225	4	30	17	0	30	0	58	0	2	25	0	43	3	6	46	34	1	18

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	Locus			Eqtio		ad Di.			ad ho		Latit.		Eqtio		Elōga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			mīue		adde			adde		sept.		adde		☉		adde	
230	4	35	7	0	42	0	55	0	2	18	1	10	3	0	46	23	1	18
235	4	39	42	1	6	0	51	12	2	8	1	37	2	48	45	59	1	36
240	4	43	58	1	18	0	47	12	1	58	2	8	2	36	45	17	1	30
245	4	47	54	1	42	0	43	0	1	48	2	43	2	24	44	16	1	48
250	4	51	29	2	0	0	36	24	1	31	3	15	2	24	42	54	1	54
255	4	54	31	2	12	0	30	24	1	16	3	48	1	42	41	1	1	48
260	4	57	3	2	54	0	21	48	0	55	4	16	1	6	38	38	2	18
265	4	58	52	3	18	0	11	48	0	30	4	43	0	18	35	44	2	42
270	4	58	51	3	30	0	3	5	0	8	5	2	0	36	31	41	2	42
	retrogd⁹					mīue			mīue				mīue					
274	4	0	4	3	30	0	5	0	0	13	5	23	0	42	28	0	3	36
275	4	59	59	4	12	0	10	24	0	26	5	24	1	30	26	56	3	12
280	4	59	7	4	48	0	21	48	0	55	5	39	2	18	21	13	3	36
285	4	57	18	5	18	0	31	12	1	18	5	47	3	24	14	33	3	54
290	4	54	42	5	48	0	36	0	1	30	5	39	3	48	7	9	4	12
295	4	51	42	5	48	0	35	0	1	27	4	31	6	24	0	40	4	6
300	4	48	47	5	12	0	28	12	1	10	4	28	6	54	8	23	3	30
305	4	46	26	5	12	0	19	12	0	48	3	11	6	6	15	31	3	24
310	4	44	50	4	36	0	7	24	0	18	2	9	6	0	21	54	2	42
315	4	44	13	4	24	0	1	0	0	3	1	10	5	6	27	18	2	24
	directus					adde			adde									
316	4	44	12	4	24	0	5	30	0	14	0	57	5	6	28	16	2	18
320	4	44	34	4	6	0	14	0	0	35	0	24	5	36	31	42	2	0
											meri.		adde					
325	4	45	44	3	54	0	23	24	0	58	0	26	4	42	35	18	1	42
330	4	47	41	3	12	0	27	24	1	8	1	2	4	18	38	6	1	6
335	4	50	18	3	12	0	37	48	1	34	1	35	3	18	40	15	1	6
340	4	53	27	3	0	0	42	24	1	46	1	55	3	12	41	51	0	48
345	4	56	59	2	54	0	46	24	1	56	2	15	2	30	43	4	0	48
350	5	0	51	2	42	0	50	18	2	6	2	30	1	36	43	57	0	42
355	5	5	4	2	54	0	53	36	2	14	2	39	1	24	44	29	0	42
360	5	9	32	2	42	0	55	24	2	18	2	43	1	12	44	46	0	36

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m̄	m̄	2	g	m̄	2	m̄	2	g	m̄	m̄	2	g	m̄	m̄	2
es	Directus			mīue		adde			adde		meri.		adde		☉		adde	
365	5	14	9	2	18	0	59	0	2	28	2	46	0	42	44	54	0	18
370	5	19	4	2	18	0	57	48	2	30	2	45	0	24	44	45	0	24
													mīue					
375	5	24	3	2	0	1	1	12	2	33	2	41	1	0	44	32	0	12
380	5	29	9	1	54	1	3	0	2	37	2	37	1	24	44	13	0	12
385	5	34	24	1	54	1	4	36	2	41	2	22	0	42	43	44	0	18
390	5	39	47	1	54	1	5	42	2	44	2	11	0	54	43	9	0	24
400	5	50	44	1	42	1	7	24	2	48	1	48	1	30	41	49	0	30
410	0	1	58	1	18	1	8	48	2	52	1	20	1	48	40	14	0	30
420	0	13	26	1	6	1	12	0	3	55	0	49	1	48	38	29	0	30
430	0	25	6	0	42	1	11	0	2	58	0	20	1	54	36	35	0	36
											sept.		adde					
440	0	36	56	0	18	1	12	12	3	0	0	8	2	6	34	35	0	36
450	0	48	58	0	12	1	12	42	3	2	0	35	1	54	32	27	0	48
				adde														
460	1	1	5	0	12	1	13	30	3	4	0	57	1	48	30	17	0	54
470	1	13	20	0	24	1	14	6	3	5	1	15	1	42	28	3	1	0
480	1	25	41	6	48	1	14	30	3	6	1	25	0	42	25	48	0	54
490	1	38	6	1	6	1	15	6	3	8	1	30	0	24	23	31	0	54
													mīue					
500	1	50	37	1	12	1	15	24	3	9	1	31	0	18	21	11	0	54
510	2	3	11	1	18	1	15	36	3	9	1	22	0	24	18	49	0	0
520	2	15	47	1	18	1	15	54	3	10	1	9	0	48	16	27	0	0
530	2	28	26	1	24	1	15	54	3	10	0	53	1	0	14	4	0	54
540	2	40	8	1	24	1	15	54	3	10	0	34	1	12	11	39	0	48
550	2	51	44	1	24	1	16	12	3	11	0	14	1	12	9	12	0	42
											meri.		adde					
560	3	6	26	1	6	1	15	48	3	10	0	7	1	12	6	43	0	48
570	3	19	4	0	54	1	15	36	3	9	0	25	1	0	4	15	0	36
580	3	31	40	0	48	1	15	12	3	8	0	40	1	0	1	46	0	24
583	3	35	26	0	42				3	8	0	44	1	0	1	1	0	24

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
ces	Directus			minue		adde			adde		sept.		adde		♀		adde	
0	5	59	24	1	0	1	13	24	3	3	0	40	0	42	0	27	0	48
10	0	11	38	0	54	1	13	36	3	4	0	53	0	36	3	8	0	42
20	0	23	54	0	48	1	13	42	3	4	1	5	0	6	5	48	0	36
30	0	36	11	0	36	1	14	0	3	5	1	9	0	0	8	8	0	24
													minue					
40	0	48	31	0	12	1	14	0	3	5	1	11	0	24	11	5	0	24
50	1	0	51	0	0	1	14	18	3	6	1	7	0	54	13	40	0	24
				adde														
60	1	13	14	0	12	1	14	24	3	6	0	57	0	48	16	16	0	6
70	1	25	38	0	30	1	14	36	3	7	0	43	1	0	18	47	0	6
80	1	38	4	0	48	1	14	48	3	7	0	25	1	12	21	18	0	6
90	1	50	32	0	54	1	14	48	3	7	0	4	1	18	23	46	0	18
											meri.		adde					
100	2	3	0	1	12	1	14	42	3	7	0	18	1	12	26	10	0	18
110	2	15	27	1	24	1	14	42	3	7	0	41	1	24	28	31	0	30
120	2	27	54	1	36	1	14	30	3	0	1	5	1	0	30	47	0	30
130	2	40	19	1	27	1	14	12	3	6	1	24	0	36	33	1	0	48
140	2	52	41	1	27	1	13	42	3	4	1	41	0	12	35	10	0	48
													minue					
150	3	4	58	1	24	1	12	54	3	2	1	50	0	6	37	12	1	0
160	3	17	7	1	24	1	12	18	3	1	1	53	0	42	39	7	0	54
170	3	29	10	1	12	2	11	18	2	58	1	48	1	18	40	55	0	54
180	3	41	[illegible]3	1	6	1	9	36	2	54	1	34	1	48	42	36	0	54
190	3	52	39	0	30	1	8	36	2	51	1	12	1	54	44	1	1	6
195	3	58	22	0	24	1	7	12	2	48	0	51	2	24	44	40	1	6
200	4	3	58	0	18	1	6	12	2	45	0	42	2	30	45	12	1	6
205	4	9	29	0	0	1	4	24	2	41	0	23	2	30	45	41	1	12
				minue														
210	4	14	51	0	6	1	3	24	2	38	0	5	2	42	46	0	1	6
											sept.		adde					
215	4	20	8	0	30	1	1	48	2	34	0	19	2	42	46	16	1	18
220	4	25	17	0	42	0	59	0	2	28	5	46	2	24	46	24	1	18
225	4	30	12	0	48	0	57	36	2	24	1	14	2	42	46	21	1	18
230	4	35	0	1	12	0	54	12	2	16	1	40	2	30	46	10	1	24

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		sept.		adde		☉		adde	
235	4	39	31	1	24	0	50	48	2	7	2	5	2	30	45	43	1	24
240	4	43	45	1	54	0	46	24	1	56	2	34	2	30	45	2	1	42
245	4	47	37	2	6	0	42	24	1	46	3	7	1	48	43	58	1	36
250	4	51	9	2	24	0	36	0	1	30	3	39	1	18	42	35	1	48
255	4	54	9	2	48	0	29	0	1	13	4	5	1	0	40	43	2	12
260	4	56	34	3	12	0	21	0	0	52	4	27	0	42	38	15	2	24
265	4	58	19	3	48	0	11	24	0	29	4	46	0	48	35	7	2	48
													miue					
270	4	59	16	4	30	0	4	0	0	10	5	8	1	42	31	14	3	18
	retrogād'					miue			miue									
272	4	59	24	4	48	0	2	20	0	6	5	10	1	54	27	26	3	36
275	4	59	17	5	6	0	11	36	0	29	5	19	5	54	26	24	3	42
280	4	58	15	5	42	0	22	48	0	57	5	16	2	36	20	37	4	6
285	4	56	25	6	6	0	32	12	1	21	5	13	3	54	13	54	4	24
290	4	53	44	5	54	0	36	0	1	30	5	1	5	6	6	27	4	12
295	4	50	44	6	12	0	33	48	1	25	4	27	6	24	1	21	4	24
300	4	47	55	5	54	0	20	12	1	10	3	19	6	42	8	58	4	0
305	4	45	54	5	42	0	18	0	0	45	2	10	5	42	16	5	3	42
310	4	44	4	5	30	0	7	0	0	17	1	9	6	12	22	21	3	24
315	4	43	29	5	12	0	1	0	0	2	0	19	6	6	27	42	3	0
	Directus					adde			adde									
317	4	43	28	4	30	0	6	15	0	16	0	6	6	24	29	32	2	12
											meri.		adde					
320	4	43	53	4	18	0	14	24	0	36	0	32	5	0	32	2	2	12
325	4	45	5	3	48	0	24	48	1	2	1	13	3	48	35	35	1	42
330	4	47	9	3	54	0	31	24	1	18	1	45	3	36	38	17	1	42
335	4	49	46	3	36	0	38	12	1	36	2	8	3	12	40	26	1	24
340	4	52	57	3	24	0	42	36	1	47	2	27	2	36	41	59	1	18
345	4	56	30	3	13	0	46	48	1	57	2	40	2	6	43	12	1	6
350	5	0	24	3	0	0	50	12	2	6	2	46	1	42	44	3	0	54
355	5	4	35	2	48	0	54	0	2	15	2	53	1	6	44	36	0	48
360	5	9	5	2	30	0	56	11	2	21	2	55	0	42	44	52	0	36

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct°			minue		adde			adde		meri.		minue		☉		adde	
365	5	13	46	2	12	0	59	0	2	28	2	53	0	30	44	57	0	24
370	5	18	41	2	6	1	0	24	2	31	2	49	1	12	44	49	0	24
375	5	23	43	2	18	1	1	24	2	34	2	31	1	18	44	34	0	36
380	5	28	50	2	12	1	3	0	2	38	2	23	0	54	44	15	0	36
385	5	34	5	2	6	1	4	36	2	42	2	15	1	6	43	47	0	42
390	5	39	28	1	42	1	5	54	2	45	2	2	1	18	43	13	0	30
400	5	50	27	1	24	1	7	48	2	50	1	33	1	54	41	54	0	36
410	0	1	45	1	18	1	9	0	2	53	1	2	1	54	40	19	0	42
420	0	13	15	0	48	1	10	24	2	56	0	31	2	0	38	34	0	42
430	0	24	59	0	30	1	11	24	2	58	0	1	2	12	36	41	0	48
											sept.		adde					
440	0	36	53	0	18	1	12	18	3	1	0	29	2	6	34	41	0	54
				adde														
450	0	48	56	0	12	1	13	6	3	3	0	54	1	48	32	35	0	48
460	1	1	7	0	30	1	13	42	3	4	1	15	1	18	30	26	0	54
470	1	13	24	0	48	1	14	30	3	6	1	27	0	48	28	13	1	0
480	1	25	49	1	0	1	14	48	3	7	1	32	0	36	25	57	1	0
													minue					
490	1	38	17	1	6	1	15	12	3	8	1	34	0	6	23	40	1	0
500	1	50	49	1	18	1	15	30	3	9	1	28	1	0	21	20	1	0
510	2	3	24	1	24	1	15	36	3	9	1	18	0	48	18	59	1	0
520	2	18	0	1	24	1	16	0	3	10	1	1	0	54	16	38	1	0
530	2	28	40	1	18	1	15	54	3	10	0	43	1	18	14	13	0	54
540	2	41	19	1	12	1	15	54	3	10	0	22	1	24	11	47	0	54
550	2	53	58	1	12	1	15	54	3	10	0	2	1	24	9	19	0	42
											meri.		adde					
560	3	6	37	0	54	1	15	30	3	9	0	19	1	0	6	51	0	36
570	3	19	13	0	42	1	15	30	3	9	0	35	1	0	4	21	0	30
580	3	31	48	0	24	1	15	0	3	8	0	50	0	30	1	50	0	24
583	3	35	33	0	18				3	8	0	54	0	24	1	5	0	18

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			miue		adde			adde		sept.		adde		☉		adde	
0	5	59	14	1	6	1	13	30	3	4	0	47	0	42	0	35	0	30
10	0	11	29	0	54	1	13	42	3	4	0	59	0	24	3	15	0	30
20	0	23	46	0	30	1	13	54	3	5	1	6	0	6	5	54	0	30
													miue					
30	0	36	5	0	18	1	14	24	3	6	1	9	0	12	8	32	0	18
40	0	48	29	0	6	1	14	12	3	6	1	7	0	42	11	9	0	18
				adde														
50	1	0	51	0	18	1	14	36	3	6	0	58	0	36	13	44	0	12
60	1	13	16	0	30	1	14	42	3	7	0	49	1	0	16	17	0	6
70	1	25	42	0	48	1	14	54	3	7	0	33	1	12	18	48	0	6
80	1	38	12	0	54	1	14	54	3	7	0	13	1	18	21	17	0	18
											meri.		adde					
90	1	50	41	1	18	1	15	6	3	8	0	9	1	12	23	43	0	18
100	2	3	12	1	30	1	14	54	3	7	0	30	1	24	26	7	0	36
110	2	15	41	1	24	1	14	54	3	7	0	55	1	0	28	26	0	42
120	2	28	10	1	24	1	14	18	3	6	1	15	0	42	30	42	0	48
130	2	40	33	1	27	1	14	18	3	6	1	30	0	36	32	53	0	48
140	2	52	56	1	27	1	13	36	3	4	1	43	0	6	35	2	1	0
													miue					
150	3	5	12	1	27	1	12	54	3	2	1	49	0	36	37	2	0	48
160	3	17	21	1	18	1	12	6	3	0	1	46	1	6	38	58	0	54
170	3	26	22	1	6	1	11	12	2	58	1	35	1	30	40	46	1	0
180	3	41	14	0	24	1	9	0	2	53	1	16	1	36	42	27	1	12
190	3	52	44	0	18	1	8	24	2	51	0	53	2	30	43	50	1	6
195	3	58	26	0	0	1	7	0	2	47	0	35	2	36	44	29	1	12
													miue					
200	4	4	1	0	6	1	5	36	2	44	0	18	2	42	45	1	1	6
											sept.		adde					
205	4	9	29	0	18	1	4	12	2	40	0	2	2	54	45	29	1	6
210	1	14	50	0	36	1	2	36	2	36	0	22	2	48	48	49	1	12
215	4	20	3	0	48	1	1	24	2	33	0	46	2	36	46	3	1	18
220	4	25	10	1	0	0	58	48	2	27	1	10	2	30	46	11	1	12
225	4	30	4	1	24	0	56	48	2	22	1	41	2	30	46	8	1	24
230	4	34	48	1	36	0	53	48	2	15	2	5	2	30	46	8	1	24

Residuũ ♀

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	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elóga.		Eqtio	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Directus			minue		adde			adde		sept.		adde		☉		adde	
235	4	39	17	1	48	0	49	48	2	5	2	30	2	6	45	29	1	24
240	4	43	26	2	12	0	46	15	1	56	2	59	1	48	44	45	1	42
245	4	47	17	2	18	0	41	36	1	44	3	25	1	36	43	42	1	42
250	4	50	45	2	48	0	35	12	1	28	3	52	1	12	42	17	2	0
255	4	53	41	3	12	0	28	12	1	11	4	15	1	18	40	21	2	12
													minue					
260	4	56	2	3	54	0	19	48	0	50	4	34	0	12	37	51	2	42
265	4	57	41	4	18	0	10	0	0	25	4	54	1	42	34	39	2	54
270	4	58	31	4	48	0	2	30	0	6	4	51	1	36	30	41	3	12
	retrogd⁹					minue			minue									
272	4	58	36	4	42	4	42	0	3	30	4	51	1	42	24	50	3	0
275	4	58	26	5	24	0	12	48	0	32	4	50	2	12	25	47	3	42
280	4	57	22	2	42	0	23	36	0	59	4	50	3	42	19	56	4	0
285	4	55	24	6	12	0	31	48	1	20	4	34	5	6	13	10	4	24
290	4	52	41	6	30	0	36	20	1	31	4	10	6	36	5	45	4	36
295	4	49	42	6	42	0	33	12	1	23	3	23	6	36	2	5	4	42
300	4	46	56	6	42	0	27	48	1	10	2	12	6	6	9	38	4	36
305	4	44	37	6	18	0	17	36	0	44	1	13	7	0	16	42	4	6
310	4	43	9	5	24	0	6	24	0	16	0	7	5	36	22	55	3	18
	Directus					adde			adde		meri.		adde					
315	4	43	37	5	0	0	6	36	0	16	0	42	4	30	28	12	2	54
320	4	43	10	4	48	0	15	24	0	38	1	22	4	6	32	24	2	36
325	4	44	27	4	12	0	24	36	1	1	1	51	4	12	35	52	2	6
330	4	46	30	3	54	0	32	0	1	20	2	21	3	18	38	34	1	48
335	4	49	10	3	30	0	38	36	1	36	2	40	2	36	40	40	1	24
340	4	52	23	3	24	0	42	48	1	47	2	53	2	6	42	12	1	18
345	4	55	57	3	6	0	47	24	1	58	3	1	1	24	43	23	1	6
350	4	59	54	2	54	0	50	36	2	6	3	3	1	6	44	12	1	0
													minue					
355	5	4	7	2	36	0	54	36	2	16	3	4	0	12	44	44	0	48
360	5	8	40	2	18	0	56	48	2	22	3	2	0	36	44	58	0	36

Residuū ♀

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōgs.		Eq̄tio	
Di	S	ḡ	m̄	m̄	2	ḡ	m̄	2	m̄	2	ḡ	m̄	m̄	2	ḡ	m̄	m̄	2
es	Directꝰ			mīue		adde			adde		meri.		mīue		☉		adde	
365	5	13	24	2	24	0	59	12	2	28	2	48	0	24	45	1	0	48
370	5	18	20	2	24	1	0	0	2	30	2	37	0	42	44	53	0	48
375	5	23	20	2	12	1	1	36	2	34	2	28	1	6	44	40	0	48
380	5	28	18	2	0	1	3	12	2	38	2	14	1	18	44	21	0	48
385	5	33	44	1	36	1	5	24	2	43	2	4	1	36	43	54	0	36
390	5	39	11	1	36	1	6	12	2	46	1	49	1	54	43	18	0	48
400	5	50	13	1	24	1	7	54	2	50	1	17	1	54	42	0	0	48
410	0	1	32	0	48	1	9	30	2	54	0	43	2	6	40	26	0	42
420	0	13	7	0	24	1	10	42	2	57	0	11	2	18	38	41	0	42
											ſept.		adde					
430	0	24	50	0	12	1	11	36	2	29	0	21	2	12	36	49	0	48
				adde														
440	0	36	50	0	12	1	12	48	3	2	0	50	1	54	34	50	0	48
450	0	48	58	0	24	1	13	24	3	3	1	12	1	30	32	43	1	0
460	1	1	12	0	48	1	14	0	3	5	1	28	0	48	30	35	0	54
470	1	13	32	1	0	1	14	42	3	7	1	35	0	42	28	23	0	54
480	1	25	59	1	12	1	14	54	3	7	1	38	0	6	26	7	0	54
													mīue					
490	1	38	28	1	18	1	15	24	3	8	1	33	0	12	23	50	1	0
500	1	51	2	1	24	1	15	36	3	9	1	18	0	0	21	30	1	0
510	2	3	38	1	24	1	15	36	3	9	1	10	0	54	19	9	1	0
520	2	16	14	1	24	1	15	54	3	10	0	52	1	18	16	48	0	42
530	2	28	53	1	24	1	15	48	3	10	0	30	1	30	14	22	0	42
540	2	41	31	1	0	1	15	54	3	10	0	8	1	12	11	56	c	48
											meri.		adde					
550	2	54	10	0	48	1	15	36	3	9	0	12	1	6	9	26	0	42
560	3	6	46	0	48	1	15	24	3	8	0	29	1	6	6	57	0	24
570	3	19	20	0	30	1	15	12	3	8	0	45	0	42	4	26	0	18
580	3	31	52	0	18	1	14	48	3	7	0	55	0	30	1	54	0	12
580	3	35	36	0	12				3	7	0	58	0	24	1	8	0	12

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		sept.		adde		☉		adde	
0	5	59	2	0	48	1	13	42	3	4	0	54	0	30	0	40	0	36
10	0	11	20	0	24	1	14	6	3	5	1	3	0	12	3	20	0	36
													minue					
20	0	23	41	0	24	1	14	6	3	5	1	7	0	6	5	59	0	12
30	0	36	2	0	0	1	14	36	3	6	1	7	0	36	8	35	0	18
				adde														
40	0	48	28	0	6	1	14	36	3	7	1	0	0	30	11	12	0	0
50	1	0	54	0	18	1	14	42	3	7	0	52	0	54	13	46	0	6
60	1	13	21	0	48	1	15	0	3	7	0	39	1	0	16	18	0	12
70	1	25	51	0	54	1	15	0	3	8	0	21	1	16	18	47	0	18
											meri.		adde					
80	1	38	21	1	12	1	15	12	3	8	0	0	1	12	21	14	0	24
90	1	50	53	1	30	1	15	12	3	8	0	21	1	24	23	40	0	36
100	2	3	25	1	30	1	14	0	3	7	0	44	1	6	26	1	0	36
110	2	15	55	1	24	1	14	54	3	7	1	5	0	54	28	19	0	48
120	2	28	24	1	30	1	14	24	3	6	1	22	0	30	30	34	0	48
130	2	40	48	1	30	1	14	12	3	5	1	36	0	12	32	45	0	54
													minue					
140	2	53	10	1	24	1	13	42	3	4	1	44	0	30	34	52	0	54
150	3	5	27	1	6	1	12	42	3	2	1	43	0	48	36	54	1	0
160	3	17	34	1	0	1	11	54	3	0	1	35	1	24	38	49	0	54
170	3	29	33	0	30	1	10	30	2	46	1	20	2	36	40	36	1	6
180	3	41	18	0	24	1	9	54	2	55	1	0	2	24	42	15	1	0
				minue														
190	3	52	47	0	6	1	7	48	2	50	0	28	2	36	43	39	1	6
195	3	58	26	0	12	1	6	48	2	47	0	9	2	36	44	17	1	0
											sept.		adde					
200	4	4	0	0	24	1	5	12	2	45	0	9	2	36	44	50	1	0
205	4	9	26	0	36	1	3	36	2	39	0	31	2	24	45	18	1	6
210	4	14	44	0	54	1	2	12	2	35	0	50	2	24	45	37	1	6
215	4	19	55	1	12	1	1	0	2	32	1	12	2	30	45	50	1	12
220	4	25	0	1	30	0	58	0	2	25	1	35	2	30	45	59	1	18
225	4	29	50	1	36	0	56	24	2	21	2	6	2	12	45	54	1	12

Residuũ ♀

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃uo	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		sept.		adde		☉		adde	
230	4	34	32	1	54	0	53	12	2	13	2	30	2	6	45	52	1	24
235	4	38	59	2	18	0	49	0	2	3	2	51	1	54	42	15	1	36
240	4	43	4	2	24	0	46	0	1	55	3	17	1	24	44	28	1	30
245	4	46	54	3	6	0	40	36	1	41	3	41	1	12	43	25	2	0
250	4	50	17	3	24	0	34	24	1	26	4	4	0	12	41	27	2	12
													minue					
255	4	53	9	4	0	0	26	48	1	7	4	28	1	0	39	59	2	30
260	4	55	23	4	6	0	19	0	0	47	4	32	1	6	37	24	2	30
265	4	56	58	4	42	0	9	0	0	22	4	37	1	54	34	10	3	0
270	4	57	43	4	54	0	3	0	0	7	4	35	2	18	30	9	3	12
	retrog̃d⁹						minue		minue									
272	4	57	49	5	42	0	5	40	0	14	4	33	3	0	28	20	3	48
275	4	57	32	5	36	0	13	24	0	33	4	28	3	42	25	10	3	48
280	4	56	25	6	30	0	24	36	1	1	4	13	5	18	19	16	4	36
285	4	54	22	7	6	0	32	24	1	21	3	43	6	6	12	26	5	6
290	4	51	40	7	18	0	37	0	1	32	3	4	6	6	4	59	5	12
295	4	48	35	7	18	0	33	12	1	23	2	17	8	0	2	54	5	6
300	4	45	49	6	42	0	27	0	1	7	1	11	7	30	10	24	4	36
305	4	43	34	6	18	0	15	48	0	39	0	3	5	54	17	23	4	12
											meri.		adde					
310	4	42	15	6	0	0	5	36	0	14	0	49	4	54	23	28	3	48
	Direct⁹					adde			adde									
315	4	41	47	5	12	0	7	0	0	17	1	27	5	0	28	41	3	6
320	4	42	22	4	42	0	16	36	0	41	2	3	4	30	32	50	2	36
325	4	43	45	4	42	0	25	12	1	3	2	33	3	48	36	13	2	30
330	4	45	51	4	0	0	32	48	1	22	2	54	2	48	38	52	1	54
335	4	48	35	3	48	0	38	48	1	37	3	6	2	24	40	54	1	48
340	4	51	49	3	24	0	43	24	1	48	3	14	1	42	42	25	1	30
345	4	55	26	3	6	0	47	48	1	59	3	15	0	18	43	34	1	18
													minue					
350	4	59	35	2	36	0	51	12	2	8	3	14	0	12	44	22	0	54
													adde					
355	5	3	41	2	24	0	55	12	2	18	3	2	0	18	44	22	0	42

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			miue		adde			adde		meri.		miue		☉		adde	
360	5	8	17	2	26	0	56	36	2	22	2	46	0	30	45	4	1	6
365	5	13	0	2	18	0	59	12	2	28	2	44	0	48	45	9	0	54
370	5	17	56	2	6	1	0	24	2	31	2	30	1	12	45	2	0	54
375	5	22	58	1	54	1	2	0	2	35	0	17	1	42	44	48	0	54
380	5	28	8	1	30	1	4	0	2	40	2	1	1	36	44	29	0	42
385	5	33	28	1	24	1	5	24	2	44	1	48	1	48	44	0	0	48
390	5	38	55	1	24	1	6	24	2	46	1	30	2	6	43	26	0	48
400	5	49	24	0	48	1	8	30	2	51	0	55	2	12	42	8	0	42
410	0	1	59	0	30	1	9	54	2	55	0	22	2	24	40	33	0	48
											sept.		adde					
420	0	13	3	0	18	1	10	54	2	57	0	12	2	24	38	48	0	54
				adde														
430	0	24	52	0	18	1	12	0	3	0	0	43	2	12	36	57	0	48
440	0	36	52	0	24	1	[illegible]	0	3	2	1	9	1	42	34	58	1	0
450	0	49	2	0	48	1	13	48	3	4	1	27	1	0	32	53	0	54
460	1	1	20	1	0	1	14	12	3	6	1	36	0	54	30	44	1	0
470	1	13	42	1	6	1	14	54	3	7	1	42	0	12	28	32	1	0
480	1	26	11	1	18	1	15	0	3	8	1	39	0	0	26	16	1	0
													miue					
490	1	38	41	1	30	1	15	30	3	9	1	31	0	36	24	0	0	54
500	1	51	16	1	36	1	15	36	3	9	1	18	0	48	21	40	0	48
510	2	3	52	1	24	1	15	36	3	9	1	1	1	24	19	19	0	42
520	2	16	28	1	18	1	15	54	3	10	0	39	1	18	16	55	0	48
530	2	29	7	1	6	1	15	24	3	9	0	15	1	12	14	29	0	42
											meri.		adde					
540	2	41	41	1	6	1	15	42	3	9	0	4	1	18	12	4	0	24
550	2	54	18	0	48	1	15	36	3	9	0	23	1	18	9	33	0	24
560	3	6	54	0	30	1	15	6	3	8	0	40	0	54	7	1	0	18
570	3	19	25	0	18	1	15	0	3	7	0	52	0	42	4	29	0	12
580	3	31	55	0	0	1	15	24	3	6	1	0	0	6	1	56	0	0
				minue													miue	
583	3	35	38	0	0				3	6	1	2	0	0	1	10	0	6

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	3	g	m	m	2	g	m	m	2
es	Directus			mĩue		adde			adde		sept.		adde		☉		adde	
0	5	58	55	0	30	1	14	6	3	5	0	59	0	24	0	46	0	30
10	0	11	16	0	24	1	14	6	3	5	1	1	0	0	3	26	0	12
													miue					
20	0	23	37	0	6	1	14	30	3	6	1	6	0	24	6	1	0	12
				adde														
30	0	36	2	0	12	1	15	42	3	9	1	1	0	18	8	38	0	6
40	0	48	29	0	30	1	14	48	3	7	0	55	0	42	11	12	0	6
																	miue	
50	1	0	57	0	42	1	15	12	3	8	0	43	0	54	13	45	0	12
60	1	13	29	0	48	1	15	6	3	8	0	29	1	12	16	16	0	18
70	1	26	0	1	12	1	15	18	3	8	0	8	1	18	18	44	0	24
											meri.		adde					
80	1	38	33	1	18	1	15	30	3	9	0	12	1	18	21	10	0	36
90	1	51	8	1	12	1	15	12	3	8	0	35	1	6	23	34	0	42
100	2	3	40	1	24	1	14	54	3	7	0	55	1	0	25	51	0	48
110	2	16	9	1	30	1	15	0	3	7	1	14	0	36	28	11	0	48
120	2	28	39	1	30	1	14	24	3	6	1	27	0	24	30	26	0	54
													miue					
130	2	41	3	1	24	1	14	6	3	5	1	38	0	18	32	36	0	54
140	2	53	24	1	12	1	13	24	3	4	1	39	0	42	34	43	0	54
150	3	5	38	1	0	1	12	36	3	2	1	35	1	12	36	44	1	0
160	3	17	44	0	42	1	11	24	2	58	1	21	1	24	38	40	1	0
170	3	29	38	0	18	1	10	24	2	56	1	4	2	6	40	25	1	6
				mĩue														
180	3	41	22	0	6	1	8	24	2	51	0	36	2	18	42	5	1	6
190	3	52	46	0	24	1	7	36	2	49	0	2	2	24	43	28	1	0
											sept.		adde					
195	3	58	24	0	36	1	6	24	2	45	0	17	2	24	44	7	1	6
200	4	3	56	0	54	1	4	48	2	42	0	35	2	24	44	40	1	6
205	4	9	25	1	6	1	3	0	2	38	0	55	2	30	45	7	1	6
210	4	14	35	1	18	1	1	36	2	34	1	14	2	30	45	26	1	6
215	4	19	43	1	24	1	0	24	2	31	1	37	2	18	45	38	1	0
220	4	24	45	1	42	0	57	48	2	25	2	0	2	42	45	40	1	12
225	4	29	34	2	0	0	55	48	2	20	2	28	2	6	45	42	1	18

Residuum ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			minue		adde			adde		sept.		adde		☉		minue	
230	4	34	13	2	18	0	52	36	2	12	2	51	1	48	45	38	1	24
235	4	38	36	2	30	0	48	48	2	2	3	10	1	24	44	59	1	30
240	4	42	40	3	0	0	44	36	1	51	3	31	0	30	44	13	1	48
													minue					
245	4	46	23	3	12	0	40	0	1	40	3	53	0	12	43	5	1	48
250	4	49	43	3	36	0	33	12	1	23	4	6	0	18	41	35	2	0
255	4	52	29	3	54	0	26	36	1	6	4	18	1	12	39	34	2	12
260	4	54	42	4	0	0	17	48	0	45	4	21	1	30	36	59	2	18
265	4	56	11	4	42	0	8	36	0	22	4	18	2	18	33	40	2	54
270	4	56	54	5	24	0	3	0	0	8	4	12	4	0	29	37	3	30
	retrogr̃d⁹					minue			minue									
271	4	56	57	5	24	0	5	15	0	13	4	7	4	6	28	43	4	0
275	4	56	36	6	0	0	15	12	0	38	3	51	4	48	24	32	4	0
280	4	55	20	6	24	0	25	48	1	5	3	20	4	54	18	30	4	18
285	4	53	11	7	0	0	32	48	1	32	2	43	5	30	11	35	4	48
290	4	50	27	7	6	0	37	0	1	33	2	3	7	36	4	7	5	0
295	4	47	22	7	12	0	32	0	1	20	0	57	7	0	3	43	5	6
											meri.		adde					
300	4	44	42	7	0	0	26	12	1	6	0	4	5	48	11	10	4	48
305	4	42	31	6	36	0	15	12	0	38	0	56	5	12	18	5	4	24
310	4	41	15	5	54	0	5	12	0	13	13	8	5	24	24	6	3	48
	directus					adde			adde									
314	4	40	54	5	54	0	1	0	0	3	2	12	4	30	28	16	3	42
315	4	40	55	5	42	0	8	0	0	20	2	17	3	36	29	12	3	30
320	4	41	35	5	0	0	16	36	0	42	2	48	3	24	33	16	2	54
325	4	42	58	4	24	0	26	36	1	7	3	11	2	48	36	38	2	24
330	4	45	11	4	0	0	32	36	1	21	3	22	2	30	39	11	2	6
335	4	47	57	3	30	0	39	36	1	39	3	30	1	54	41	12	1	42
340	4	51	15	3	18	0	44	0	1	50	3	31	0	24	42	40	1	36
345	4	54	55	2	54	0	48	48	2	2	3	18	0	36	43	47	1	18
													minue					
350	4	58	59	2	48	0	51	36	2	9	3	12	0	18	44	31	1	18
355	5	3	17	2	48	0	54	48	2	17	3	5	0	42	45	0	1	24
360	5	7	51	2	24	0	57	12	2	23	2	51	1	6	45	15	1	12

Residuū ♀

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Eloga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		meri.		minue		☉		adde	
365	5	12	37	2	6	0	59	36	2	29	2	36	1	36	45	18	1	6
370	5	17	35	1	54	1	0	48	2	32	2	18	1	48	45	10	1	6
375	5	22	39	1	42	1	2	48	2	37	2	0	1	30	44	57	1	6
380	5	27	53	1	30	1	4	12	2	41	1	45	1	54	44	36	1	0
385	5	33	14	1	42	1	5	24	2	44	1	30	2	24	44	8	0	54
390	5	38	41	1	6	1	7	0	2	48	1	9	2	18	43	34	1	0
400	5	49	51	0	42	1	8	48	2	52	0	33	2	30	42	15	1	0
											sept.		adde					
410	0	1	19	0	18	1	10	6	2	55	0	2	2	36	40	41	0	54
				adde														
420	0	13	0	0	12	1	11	30	2	59	0	36	2	18	38	57	0	54
430	0	24	55	0	18	1	12	6	3	0	1	5	1	48	37	5	1	6
440	0	36	56	0	42	1	13	24	3	3	1	26	1	6	35	8	1	0
450	0	49	10	1	0	1	14	0	3	5	1	37	1	12	33	2	1	0
460	1	1	30	1	6	1	14	18	3	6	1	45	0	24	30	54	1	0
470	1	13	53	1	24	1	15	6	3	8	1	44	0	12	28	42	1	0
													minue					
480	1	26	24	1	18	1	15	12	3	8	1	39	0	36	26	36	1	6
490	1	38	56	1	30	1	15	36	3	9	1	25	0	42	24	9	0	54
500	1	51	32	1	6	1	15	24	3	9	1	10	1	18	21	48	1	0
510	2	4	6	1	12	1	15	30	3	4	0	47	1	18	16	26	0	54
520	2	16	41	1	12	1	15	42	3	9	0	26	1	30	17	3	0	36
530	2	29	18	1	0	1	15	24	3	9	0	3	1	18	14	36	0	30
											meri.		adde					
240	2	41	52	0	48	1	15	24	3	8	0	17	1	24	12	8	0	24
550	2	54	26	0	42	1	15	18	3	8	0	36	1	0	9	37	0	6
560	3	6	59	0	24	1	14	54	3	7	0	49	0	48	7	4	0	6
																	minue	
570	3	19	28	0	6	1	14	42	3	7	0	59	0	12	4	41	0	6
				minue									minue					
580	3	31	55	0	12	1	14	12	3	9	1	1	0	6	1	59	0	12
583	3	35	38	0	12				3	6	1	2	0	24	1	9	0	12

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								1			10							
	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elonga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			miue		adde			adde		sept.		adde		☉		adde	
0	5	58	50	0	18	1	14	12	3	5	1	3	0	6	0	51	0	18
													miue					
10	0	11	12	0	12	1	14	24	3	6	1	5	0	18	3	28	0	6
				adde														
20	0	23	36	0	12	1	14	48	3	7	1	2	0	38	6	3	0	6
																	miue	
30	0	36	4	0	18	1	15	0	3	7	0	58	0	36	8	39	0	12
40	0	48	34	0	36	1	15	0	3	8	0	48	0	54	11	13	0	18
50	1	1	4	1	6	1	15	18	3	8	0	37	1	6	13	43	0	12
60	1	13	17	1	6	1	15	27	3	9	0	17	1	12	16	13	0	30
											meri.		adde					
70	1	26	12	1	12	1	15	27	3	9	0	5	1	0	18	40	0	42
80	1	38	46	1	21	1	15	36	3	9	0	25	1	6	21	4	0	42
90	1	51	21	1	21	1	15	18	3	8	0	46	1	6	23	27	0	48
100	2	3	54	1	30	1	15	0	3	8	1	5	0	42	25	47	0	48
110	2	16	24	1	30	1	15	0	3	7	1	20	0	18	28	3	0	54
											miuc							
120	2	28	54	1	12	1	14	18	3	6	1	31	1	12	30	17	1	0
130	2	41	17	1	6	1	13	54	3	5	1	35	1	30	32	27	1	0
140	2	53	36	1	6	1	13	12	3	3	1	32	1	54	34	34	0	54
150	3	5	48	0	42	1	12	18	3	1	1	23	2	12	36	30	0	54
160	3	17	51	0	12	1	11	0	2	54	1	7	2	0	38	30	1	12
170	3	29	41	0	0	1	10	0	2	55	0	42	2	24	40	14	1	0
				miuc														
180	3	41	21	0	24	1	8	6	2	50	0	13	2	30	41	54	1	0
											sept.		addc					
190	3	52	42	0	36	1	7	12	2	48	0	22	2	18	43	18	0	48
195	3	58	18	1	0	1	5	48	2	45	0	41	2	24	43	56	1	0
200	4	3	47	1	6	1	4	24	2	41	0	59	2	30	44	29	0	54
205	4	9	9	1	18	1	2	36	2	37	1	20	2	18	44	56	0	54
210	4	14	22	1	30	1	1	24	2	34	1	39	2	18	45	15	1	0
215	4	19	29	1	48	0	59	48	2	30	2	0	2	36	45	28	1	6
220	4	24	28	2	0	0	57	12	2	23	2	27	2	0	45	34	1	6
225	4	29	14	2	18	0	55	12	2	18	2	27	2	0	45	34	1	6

Residuum ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			miue		adde			adde		sept.		adde		☉		miue	
230	4	33	50	2	24	0	52	12	2	11	3	9	0	36	45	14	1	12
235	4	38	11	2	48	0	47	48	1	59	3	24	0	24	44	44	1	24
240	4	42	10	3	12	0	44	12	1	51	3	36	0	30	43	55	1	36
													miue					
245	4	45	51	3	18	0	36	12	1	38	3	51	0	12	42	47	1	36
250	4	49	7	3	30	0	32	36	1	22	4	3	1	12	41	15	1	48
255	4	51	50	3	54	0	26	12	1	5	4	6	1	30	39	12	2	6
260	4	54	2	3	48	0	16	12	0	48	4	6	2	54	36	36	2	48
265	4	55	24	4	6	0	7	12	0	18	3	55	3	54	33	11	3	0
	retrogd᷒					miue			miue									
270	4	56	0	5	30	0	4	48	0	12	3	32	4	18	29	2	3	24
275	4	55	36	6	24	0	16	0	0	40	3	3	4	24	23	52	4	12
280	4	54	16	6	30	0	27	0	1	8	2	31	5	24	17	47	4	24
285	4	52	1	6	48	0	33	0	1	23	1	47	7	12	10	47	4	42
290	4	49	16	7	24	0	37	12	1	33	0	47	7	24	3	17	5	12
295	4	46	10	6	48	0	31	36	1	19	0	13	6	18	4	34	4	36
300	4	43	32	6	48	0	25	24	1	3	1	2	6	18	11	58	4	48
305	4	41	25	6	36	0	13	48	0	35	1	48	6	6	18	49	4	30
310	4	40	16	6	18	0	5	15	0	13	2	32	4	54	24	44	4	12
	Directus					adde			adde									
314	4	39	55	5	12	0	3	0	0	7	2	57	3	54	28	52	3	12
315	4	39	58	5	12	0	3	24	0	23	3	3	3	42	29	47	3	12
320	4	40	45	4	48	0	17	48	0	44	3	22	3	42	33	45	2	54
325	4	42	14	4	6	0	27	24	1	8	3	39	1	48	37	2	2	24
330	4	44	31	3	48	0	34	12	1	25	3	47	1	0	39	32	2	6
335	4	47	22	3	30	0	40	0	1	40	3	39	1	6	41	29	1	54
340	4	50	42	3	3	0	44	48	1	52	3	35	0	18	42	56	1	30
													miue					
345	4	54	26	3	3	0	49		2	2	3	24	0	42	44	0	1	42
350	4	58	31	2	48	0	51	36	2	9	3	9	0	42	44	44	1	36
355	5	2	49	2	24	0	55	36	2	19	2	58	1	24	45	14	1	24
360	5	7	27	2	6	0	57	48	2	25	2	40	1	42	45	27	1	18

Residuū ♀

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	Locus			Eq̄tio		ad Di.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		meri.		miue		☉		adde	
365	5	12	16	1	48	1	0	10	2	30	2	20	1	42	45	29	1	12
370	5	17	16	1	30	1	1	12	2	33	2	0	1	54	45	1	1	0
375	5	22	22	1	9	1	3	12	2	38	1	45	2	12	45	8	0	48
380	5	27	38	1	9	1	3	8	2	40	1	26	2	24	44	46	1	6
385	5	32	57	1	0	1	6	36	2	46	1	6	2	30	44	17	1	6
390	5	38	30	0	42	1	7	24	2	49	0	46	2	42	43	44	1	0
400	5	49	44	0	24	1	9	12	2	53	0	8	2	42	42	25	1	0
											sept.		adde					
410	0	1	16	0	0	1	10	36	2	57	0	28	2	30	40	50	1	6
				adde														
420	0	13	2	0	18	1	11	36	2	59	0	59	2	6	39	6	1	6
430	0	24	58	0	42	1	12	30	3	1	1	23	1	36	37	18	1	0
440	0	37	3	1	0	1	13	42	3	4	1	37	1	30	35	18	1	0
450	0	49	20	1	6	1	14	6	3	5	1	49	0	36	33	12	1	6
460	1	1	41	1	30	1	14	36	3	6	1	49	0	18	31	4	0	54
													miue					
470	1	14	7	1	30	1	15	0	3	7	1	46	0	24	28	52	0	54
480	1	26	37	1	48	1	15	24	3	8	1	33	0	36	26	37	0	36
490	1	39	11	1	12	1	15	12	3	8	1	18	1	12	24	18	0	54
500	1	51	43	1	24	1	15	30	3	9	0	57	1	24	21	58	0	42
510	2	4	18	1	24	1	15	30	3	9	0	34	1	18	19	35	0	30
520	2	16	53	1	6	1	15	30	3	9	0	11	1	24	17	7	0	36
											meri.		adde					
530	2	29	28	0	54	1	15	12	3	8	0	10	1	30	14	41	0	18
540	2	42	0	0	42	1	15	18	3	8	0	31	1	6	12	12	0	6
550	2	54	33	0	24	1	15	0	3	7	0	46	0	54	9	38	0	6
																	miue	
560	3	7	3	0	6	1	14	36	3	6	0	57	0	24	7	5	0	6
				miue									miue					
570	3	19	29	0	24	1	14	24	3	6	1	1	0	6	4	30	0	12
580	3	31	53	0	24	1	14	12	3	5	1	0	0	30	1	54	0	18
583	3	35	36	0	36				3	5	0	58	0	30	1	7	0	18

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Eloga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			mīue		adde			adde		sept.		mīue		☉		adde	
0	5	58	47	0	12	1	14	18	3	6	1	4	0	6	0	54	0	6
				adde														
10	0	11	10	0	12	1	14	48	3	7	1	2	0	0	3	29	0	6
																	mīue	
20	0	23	38	0	24	1	14	54	3	7	0	59	0	24	6	4	0	6
30	0	36	7	0	36	1	15	18	3	8	0	52	0	42	8	37	0	18
40	0	48	40	1	0	1	15	24	3	8	0	30	0	54	11	10	0	18
50	1	1	14	1	12	1	15	24	3	9	0	23	1	6	13	41	0	30
60	1	13	48	1	12	1	15	36	3	9	0	5	1	6	16	8	0	42
											meri.		adde					
70	1	26	24	1	24	1	15	36	3	9	0	15	1	18	18	33	0	42
80	1	39	0	1	24	1	15	24	3	9	0	36	1	12	20	57	0	48
90	1	51	34	1	24	1	15	30	3	9	0	57	0	48	23	19	0	54
100	2	4	9	1	18	1	15	0	3	8	1	12	0	24	25	39	1	6
110	2	16	39	1	12	1	14	42	3	7	1	23	0	12	27	54	1	6
													mīue					
120	2	29	6	1	12	1	14	12	3	5	1	29	0	18	30	7	1	0
130	2	41	28	1	0	1	13	54	3	5	1	30	0	48	32	17	1	0
140	2	53	47	0	30	1	12	48	3	2	1	23	1	12	34	25	1	6
150	3	5	55	0	18	1	11	48	3	0	1	11	1	48	36	25	1	6
160	3	17	53	0	6	1	10	48	2	57	0	47	2	0	38	18	0	58
				mīue														
170	3	29	41	0	18	1	9	36	2	54	0	19	2	6	40	4	0	48
											sept.		adde					
180	3	41	17	0	36	1	7	54	2	50	0	12	2	12	41	44	0	48
190	3	52	36	1	12	1	6	24	2	46	0	45	2	24	43	10	1	0
195	3	58	8	1	6	1	5	36	2	44	1	5	2	18	43	46	0	42
200	4	3	36	1	24	1	4	0	2	40	1	24	2	18	44	20	0	54
205	4	8	56	1	36	1	2	12	2	35	1	43	2	18	44	47	0	54
212	4	14	7	2	0	1	0	48	2	32	2	2	2	30	45	5	1	6
215	4	19	11	2	6	0	39	24	2	28	2	26	1	54	45	17	1	0
220	4	24	8	2	18	0	56	36	2	22	2	47	1	6	45	23	1	6
225	4	28	51	2	18	0	55	0	2	18	3	7	0	24	45	17	0	54

Residuū ♀

1 20

	Locus			Eq̄tio		ad vi.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Bi	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			mīue		adde			adde		sept.		adde		☉		mīue	
230	4	33	26	2	42	0	51	24	2	9	3	15	0	36	45	2	1	6
235	4	37	43	2	54	0	47	0	1	58	3	28	0	12	44	30	1	12
													mīue					
240	4	41	38	3	0	0	44	0	1	50	3	41	0	36	43	39	1	18
245	4	45	18	3	18	0	38	48	1	37	3	49	1	0	42	31	1	30
250	4	48	32	3	48	0	31	48	1	20	3	51	1	48	40	57	1	48
255	4	51	11	4	6	0	24	36	1	2	3	51	2	54	38	51	2	6
260	4	53	14	4	30	0	15	48	0	40	3	37	3	18	36	8	2	24
265	4	54	33	4	54	0	6	24	0	16	3	16	3	54	32	41	2	48
	retrog̃d⁹					mīue			mīue									
270	4	55	5	5	30	0	6	36	0	17	2	49	4	12	28	28	3	24
275	4	54	32	5	54	0	16	12	0	41	2	19	6	6	23	10	3	48
280	4	53	11	6	36	0	27	36	1	9	1	34	6	30	17	3	4	24
285	4	50	53	7	6	0	34	12	1	26	0	35	6	36	10	0	4	54
											meri.		adde					
290	4	48	2	7	12	0	35	48	1	30	0	27	6	12	2	25	5	6
295	4	45	3	7	48	0	32	0	1	20	1	16	7	24	5	20	5	36
300	4	42	23	7	6	0	24	48	1	2	2	5	6	30	12	46	5	0
305	4	40	19	6	30	0	13	12	0	33	2	49	5	6	19	34	4	30
310	4	39	13	5	30	0	4	20	0	11	3	21	4	6	25	26	3	36
	Directus					adde			adde									
313	4	39	0	5	12	0	3	0	0	8	3	32	3	12	28	21	3	24
315	4	39	6	4	48	0	10	12	0	26	3	40	2	36	30	19	3	6
320	4	39	57	4	48	0	49	12	0	48	3	59	1	36	34	14	3	6
325	4	41	33	4	12	0	28	0	1	10	3	57	1	36	37	26	2	30
330	4	43	53	3	42	0	34	48	1	27	3	57	0	45	39	53	2	12
335	4	46	47	3	18	0	41	0	1	42	3	50	0	18	41	48	1	54
													mīue					
340	4	50	12	3	12	0	44	36	1	51	3	38	0	48	43	11	2	0
345	4	53	55	2	36	0	49	36	2	4	3	17	1	24	44	17	1	36
350	4	58	3	2	24	0	52	24	2	11	3	2	1	30	45	0	1	36
355	5	2	25	1	54	0	56	12	2	26	2	44	1	30	45	28	1	18
360	5	7	6	1	42	0	58	24	2	26	2	23	1	48	45	40	1	12

Residuum ♀

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		meri.		minue		☉		adde	
365	5	11	58	1	24	1	0	36	2	31	2	3	2	6	45	1	1	6
370	5	17	1	1	18	1	2	0	2	35	1	41	2	18	45	31	1	12
375	5	22	11	1	18	1	3	0	2	37	1	23	2	30	45	16	1	24
380	5	27	26	0	42	1	4	12	2	40	1	2	2	42	44	57	1	0
385	5	32	47	0	12	1	7	12	2	48	0	41	2	42	44	28	1	0
390	5	38	23	0	24	1	7	42	2	49	0	19	2	42	43	52	1	0
											sept.		adde					
400	5	49	40	0	0	1	9	36	2	54	0	19	2	36	42	35	1	6
				adde														
410	0	1	16	0	12	1	10	54	2	57	0	53	2	12	41	1	1	12
420	0	13	5	0	42	1	12	0	3	0	1	20	1	42	39	17	1	0
430	0	25	5	1	6	1	12	48	3	2	1	39	1	24	37	26	0	54
440	0	37	13	1	18	1	13	48	3	4	1	52	0	24	35	28	0	54
450	0	49	31	1	24	1	14	30	3	6	1	55	0	24	33	23	0	54
													minue					
460	1	1	56	1	24	1	14	36	3	7	1	52	0	6	31	13	0	54
470	1	14	22	1	30	1	15	18	3	8	1	42	0	42	29	1	0	48
480	1	26	55	1	12	1	14	48	3	8	1	27	1	0	26	43	0	54
490	1	39	23	1	24	1	15	24	3	8	1	6	1	18	24	27	0	42
500	1	51	57	1	12	1	15	30	3	9	0	43	1	24	22	5	0	30
510	2	4	32	1	6	1	15	12	3	8	0	21	1	36	19	40	0	24
											meri.		adde					
520	2	17	8	1	0	1	15	18	3	8	0	3	1	36	17	15	0	6
530	2	29	37	0	42	1	15	0	3	8	0	25	1	12	14	44	0	6
540	2	42	7	0	30	1	15	0	3	7	0	42	1	6	12	13	0	0
																	minue	
550	2	54	37	0	6	1	14	42	3	7	0	55	0	30	9	39	0	6
				minue														
560	3	7	4	0	6	1	14	18	3	6	1	1	0	0	7	4	0	18
													minue					
570	3	19	27	0	18	1	14	12	3	5	1	0	0	12	4	28	0	24
580	3	31	49	0	30	1	13	48	3	4	0	35	0	24	1	51	0	30
583	3	35	30	0	36				3	4	0	53	0	42	1	4	0	30

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	Locus			Eq̃tio		ad Di.			ad ho		Lati:		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		adde		⊙		miue	
0	5	58	45	0	6	1	14	42	3	7	1	3	0	6	0	55	0	0
													miue					
10	0	11	12	0	18	1	15	0	3	8	1	2	0	18	3	30	0	12
20	0	23	42	0	30	1	15	6	3	8	0	55	0	30	6	3	0	24
30	0	36	13	0	54	1	15	42	3	9	0	45	0	48	8	34	0	18
40	0	48	50	1	0	1	15	36	3	9	0	30	1	0	11	7	0	36
50	1	1	26	1	12	1	15	24	3	9	0	12	1	6	13	36	0	42
											meri.		adde					
60	1	14	0	1	24	1	15	48	3	9	0	6	1	18	16	1	0	48
70	1	26	38	1	24	1	15	36	3	9	0	28	1	12	18	26	0	48
80	1	39	14	1	21	1	15	24	3	9	0	45	0	42	20	49	1	0
90	1	51	48	1	21	1	15	24	3	8	1	5	0	30	23	10	1	0
100	2	4	22	1	18	1	14	54	3	7	1	16	0	18	25	28	1	0
													miue					
110	2	16	51	1	6	1	14	42	3	7	1	25	0	6	27	43	1	0
120	2	29	18	1	0	1	14	0	3	5	1	26	0	36	26	57	0	54
130	2	41	38	0	36	1	13	24	3	4	1	22	1	6	32	7	1	0
140	2	53	52	0	18	1	12	36	3	2	1	11	1	12	34	14	1	6
150	3	5	58	0	6	1	11	36	2	59	0	53	1	42	36	14	0	54
				miue														
160	3	17	54	0	18	1	10	24	2	56	0	27	2	0	38	9	0	48
											sept.		adde					
170	3	29	38	0	42	1	9	18	2	52	0	2	2	0	39	56	0	54
180	3	41	11	1	0	1	7	18	2	48	0	34	2	24	41	36	0	54
190	3	52	24	1	18	1	6	36	2	46	1	9	2	24	43	0	0	48
195	3	57	57	1	36	1	5	0	2	42	1	28	2	24	43	39	0	54
200	4	3	22	1	42	1	3	36	2	39	1	47	2	12	44	11	0	48
205	4	8	48	2	0	1	1	24	2	34	2	6	2	18	44	38	0	54
210	4	13	47	2	0	1	0	36	2	31	2	27	1	12	44	54	0	48
215	4	18	50	2	12	0	59	0	2	27	2	45	0	48	45	7	0	48
220	4	23	45	2	18	0	56	36	2	22	2	58	0	42	45	12	0	42
225	4	28	28	2	30	0	54	12	2	16	3	11	0	18	45	8	0	48

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			mīue		adde			adde		ſept.		adde		☉		mīue	
230	4	32	59	2	42	0	51	0	2	8	3	21	0	18	44	51	1	0
													mīue					
235	4	37	14	2	54	0	46	48	1	57	3	30	0	36	44	18	1	0
240	4	41	8	3	0	0	43	24	1	49	3	35	1	6	43	26	1	6
245	4	44	45	3	30	0	37	48	1	25	3	39	2	0	42	16	1	30
250	4	47	54	3	48	0	31	12	1	18	3	33	2	18	40	39	1	42
255	4	50	3	3	54	0	23	48	0	59	3	22	3	6	38	30	1	48
260	4	52	29	4	12	0	15	0	0	38	3	4	3	36	35	44	2	12
265	4	53	44	4	48	0	5	12	0	13	2	37	4	6	32	13	2	42
	retrogđ					mīue			mīue									
270	4	54	10	5	42	0	7	24	0	18	2	7	5	36	27	54	3	30
275	4	53	33	5	54	0	17	36	0	44	1	18	5	36	22	32	3	42
280	4	52	5	6	24	0	28	36	1	11	0	29	5	42	16	19	4	18
											meri.		adde					
285	4	49	42	6	48	0	34	24	1	26	0	31	6	6	9	11	4	42
290	4	46	50	6	24	0	37	0	1	33	1	29	8	36	1	34	4	48
295	4	43	45	6	48	0	30	36	1	16	2	30	6	30	6	16	4	48
300	4	41	12	6	48	0	13	36	0	59	3	10	5	18	13	39	4	48
305	4	39	14	5	48	0	11	12	0	28	3	40	3	30	20	19	4	0
310	4	38	18	5	24	0	3	20	0	8	4	2	2	30	26	2	3	42
	directus					adde			adde									
313	4	38	8	5	0	0	5	0	0	12	4	4	2	30	29	5	3	12
315	4	38	18	5	0	0	1	12	0	26	4	6	2	24	30	50	3	24
320	4	39	6	4	18	0	20	24	0	51	4	15	1	6	34	45	2	48
325	4	40	51	3	42	0	29	0	1	13	4	13	0	48	37	51	2	24
330	4	34	16	3	18	0	35	36	1	29	4	5	0	18	40	15	2	12
													mīue					
335	4	46	14	3	18	0	41	12	1	43	3	53	1	12	42	7	2	18
340	4	49	40	2	48	0	45	48	1	55	3	30	1	6	43	31	2	0
345	4	53	29	2	18	0	50	0	2	5	3	3	0	54	44	33	1	42
350	4	57	39	1	54	0	53	24	2	13	2	47	1	36	45	16	1	24
355	5	2	6	1	36	0	56	36	2	21	2	29	2	6	45	41	1	18
360	5	6	49	1	24	0	59	0	2	28	2	5	2	18	45	52	1	18

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	Locus			Eq̄tio		ad vi.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			minue		adde			adde		meri.		minue		☉		adde	
365	5	11	44	1	12	1	0	48	2	34	1	42	2	36	45	52	1	18
370	5	16	48	0	54	1	2	0	2	35	1	18	2	48	45	43	1	12
375	5	21	58	0	30	1	4	12	2	40	0	58	3	18	45	30	1	0
380	5	27	19	0	30	1	5	12	2	43	0	35	3	24	45	0	1	12
385	5	32	45	0	18	1	6	48	2	47	0	14	3	18	44	38	1	12
											sept.		adde					
390	5	38	19	0	12	1	8	6	2	50	0	8	3	6	44	4	1	18
				adde														
400	5	49	40	0	12	1	9	48	2	55	0	45	0	30	42	46	1	12
410	0	1	18	0	42	1	11	24	2	58	1	15	2	0	41	13	1	0
420	0	13	12	1	0	1	12	24	3	1	1	37	1	36	39	27	1	0
430	0	25	16	1	12	1	13	0	3	3	1	52	0	54	37	35	1	0
340	0	37	26	1	30	1	13	54	3	5	1	59	0	36	35	37	0	48
													minue					
450	0	49	45	1	27	1	14	30	3	6	1	59	0	6	33	32	1	0
460	1	2	10	1	27	1	14	42	3	7	1	51	0	36	31	22	0	54
470	1	14	37	1	24	1	15	0	3	7	1	35	1	0	29	9	0	48
480	1	27	7	1	18	1	15	0	3	8	1	17	1	24	26	52	0	36
490	1	39	37	1	12	1	15	18	3	8	0	53	1	24	24	34	0	36
500	1	52	10	1	12	1	15	18	3	8	0	29	1	18	22	10	0	54
510	2	4	43	0	54	1	15	6	3	8	0	5	1	30	19	44	0	18
											meri.		adde					
520	2	17	14	0	42	1	15	0	3	7	0	19	1	24	17	16	0	6
530	2	29	44	0	30	1	14	48	3	7	0	37	1	18	14	45	0	0
																	minue	
540	2	42	12	0	12	1	14	36	3	6	0	53	0	42	12	13	0	12
550	2	54	38	0	0	1	14	30	3	6	1	0	0	12	9	38	0	24
				minue									minue					
560	3	7	3	0	18	1	14	6	3	5	1	1	0	6	7	1	0	24
570	3	19	24	0	42	1	14	0	3	5	0	58	0	36	4	24	0	24
580	3	31	44	0	48	1	13	24	3	4	0	51	1	6	1	46	5	36
583	3	35	24	0	48				3	4	0	43	0	48	0	59	0	42

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		sept.		mīue		⊙		mīue	
0	5	58	46	0	18	1	14	54	3	7	1	4	0	12	0	55	0	12
10	0	11	15	0	3	1	15	12	3	8	0	59	0	24	3	28	0	24
20	0	23	46	0	48	1	15	30	3	9	0	50	0	42	5	59	0	24
30	0	36	22	1	0	1	15	48	3	10	0	37	1	0	8	31	0	36
40	0	49	0	1	12	1	15	48	3	10	0	20	1	6	11	1	0	42
50	1	1	38	1	12	1	15	36	3	9	0	1	1	6	13	29	0	54
											meri.		adde					
60	1	14	14	1	18	1	15	48	3	9	0	13	1	0	15	53	0	48
70	1	26	52	1	18	1	15	30	3	9	0	40	0	42	18	18	1	0
80	1	39	27	1	24	1	18	30	3	9	0	55	0	48	20	39	1	0
90	1	52	2	1	12	1	15	18	3	8	1	10	0	24	23	0	1	6
													mīue					
100	2	4	35	1	12	1	14	42	3	7	1	19	0	6	25	18	0	54
110	2	17	2	1	6	1	14	36	3	6	1	24	0	26	24	33	0	48
120	2	29	8	0	39	1	13	36	3	4	1	20	0	42	29	48	0	54
130	2	41	44	0	24	1	13	6	3	3	1	11	1	6	31	57	1	0
140	2	53	55	0	12	1	12	24	3	1	0	59	1	48	34	3	0	48
				mīue														
150	3	5	59	0	12	1	11	12	2	58	0	36	1	54	36	5	0	42
160	3	17	51	0	30	1	10	9	2	55	0	7	1	42	38	1	0	42
											ſept.		adde					
170	3	29	31	0	48	1	8	54	2	52	0	22	2	24	39	47	0	36
180	3	41	0	1	0	1	7	6	2	48	0	58	2	12	41	27	0	30
190	3	52	11	1	36	1	6	0	2	45	1	33	2	12	42	52	0	42
195	3	57	41	1	48	1	4	48	2	42	1	52	2	6	43	30	0	42
200	4	3	5	1	43	1	3	0	2	38	2	9	1	42	44	3	0	36
205	4	8	20	2	0	1	1	24	2	34	2	29	1	0	44	29	0	36
210	4	13	27	2	6	1	0	12	2	31	2	39	1	0	44	46	0	30
215	4	18	24	2	12	0	58	48	2	27	2	53	0	39	44	59	0	30
220	4	23	22	2	18	0	56	12	2	21	3	5	0	12	45	5	0	36
225	4	28	3	2	36	0	53	48	2	15	3	14	0	12	45	0	0	48

Residuū ♀

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Dies	Locus S	g	m	Eq̄tio m	2	ad Di. g	m	2	ad ho m	2	Lati. g	m	Eq̄tio m	2	Elōga. g	m	Eq̄tio m	2
es	Directus			miue		adde			adde		sept.		miue		☉		miue	
230	4	32	32	2	36	0	50	18	2	6	3	24	1	0	44	41	0	42
235	4	36	48	2	54	0	46	36	1	57	3	24	1	6	44	8	1	6
240	4	40	38	3	18	0	42	24	1	46	3	24	1	36	43	15	1	12
245	4	44	10	3	30	0	37	12	1	33	3	19	2	18	42	1	1	18
250	4	47	16	3	36	0	31	0	1	18	3	10	3	18	40	22	1	30
255	4	49	51	4	6	0	23	36	0	59	2	51	3	30	38	12	1	54
260	4	51	47	4	42	0	13	48	0	35	2	28	4	26	35	22	2	44
265	4	52	56	4	42	0	5	15	0	13	1	59	5	24	31	46	2	30
	retrog̃d°					miue			miue									
269	4	53	17	5	0	0	4	0	0	10	1	22	5	24	28	13	2	36
270	4	53	13	4	42	0	7	48	0	20	1	11	5	18	27	19	2	30
275	4	52	34	5	36	0	18	36	0	46	0	22	5	24	21	55	3	30
											meri.		adde					
280	4	51	1	6	6	0	29	24	1	13	0	28	7	24	15	36	4	0
285	4	48	34	6	18	0	34	36	1	27	1	32	8	6	8	24	4	18
290	4	45	41	6	48	0	36	48	1	32	2	55	6	48	0	49	4	54
295	4	42	37	5	54	0	30	36	1	16	3	35	4	42	7	4	4	12
300	4	40	4	5	36	0	21	36	0	54	4	3	3	48	14	24	4	0
305	4	38	16	5	30	0	10	24	0	24	4	15	3	6	20	59	3	54
310	4	37	24	5	12	0	4	0	0	10	4	27	2	30	26	39	3	42
	Directus					adde			adde									
312	4	37	16	5	0	0	3	40	0	3	4	29	2	18	28	42	3	36
315	4	37	27	4	42	0	11	48	0	29	4	30	1	54	31	24	3	18
320	4	38	26	3	42	0	21	36	0	54	4	26	1	12	35	13	2	36
325	4	40	14	3	24	0	29	48	1	14	4	29	0	0	38	15	2	24
													miue					
330	4	42	43	3	12	0	35	36	1	29	4	8	0	12	40	37	2	24
335	4	45	41	2	30	0	42	12	1	45	3	41	0	54	42	30	1	54
340	4	49	12	2	6	0	46	48	1	57	3	19	1	24	43	51	1	36
345	4	53	6	1	54	0	50	48	2	7	2	54	2	0	44	50	1	36
350	4	57	20	1	42	0	54	0	2	15	2	31	2	18	45	30	1	36
355	-5	1	50	1	18	0	57	0	2	22	2	8	2	36	45	54	1	24
360	5	6	35	1	0	0	59	24	2	29	1	42	2	54	46	5	1	18

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Dies	Locus directus			Eq̃tio mine		ad di. adde			ad ho adde		Lati. meri.		Eq̃tio mīue		Elōga. ☉		Eq̃tio adde	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
365	5	11	32	0	48	1	1	24	2	34	1	16	3	12	46	5	1	18
370	5	16	39	0	30	1	2	48	2	37	0	50	3	18	45	55	1	12
375	5	21	53	0	24	1	4	12	2	40	0	25	3	12	45	40	1	18
380	5	27	14	0	6	1	5	36	2	44	0	1	3	0	45	19	1	12
				adde							sept.		adde					
385	5	32	42	0	6	1	7	0	2	47	0	19	2	42	44	50	1	12
390	5	38	17	0	24	1	8	30	2	51	0	39	2	30	44	17	1	6
400	5	49	42	0	48	1	10	18	2	56	1	10	2	12	42	58	1	0
410	0	1	25	1	12	1	11	42	2	59	1	35	1	48	41	23	0	48
420	0	13	22	1	12	1	12	36	3	2	1	53	1	12	39	37	1	0
430	0	25	28	1	18	1	13	18	3	3	2	2	0	54	37	45	1	0
440	0	37	41	1	18	1	13	48	3	5	2	5	0	6	35	45	1	6
													mīue					
450	0	49	59	1	33	1	14	36	3	6	1	58	0	30	33	42	0	42
460	1	2	25	1	33	1	14	36	3	7	1	45	0	54	31	31	0	36
470	1	14	51	1	36	1	14	54	3	7	1	25	1	18	29	17	0	30
480	1	27	20	1	34	1	14	54	3	7	1	3	1	18	29	58	0	36
490	1	39	49	1	24	1	15	18	3	8	0	39	1	30	24	40	0	12
500	1	52	22	0	54	1	15	0	3	7	0	19	1	54	22	14	0	12
											meri.		adde					
510	2	4	52	0	48	1	14	54	3	7	0	10	1	36	19	47	0	0
520	2	17	21	0	24	1	14	48	3	7	0	33	1	12	17	17	0	0
																	mīue	
530	2	29	49	0	12	1	14	30	3	6	0	50	0	48	14	45	0	18
				mīue														
540	2	42	14	0	6	1	14	24	3	6	1	0	0	18	12	11	0	18
550	2	54	38	0	24	1	14	12	3	5	1	2	0	0	9	34	0	18
													mīue					
560	3	7	0	0	36	1	13	42	3	4	1	0	0	18	6	57	0	30
570	3	19	17	0	48	1	13	54	3	4	0	52	0	36	4	20	0	36
580	3	31	36	1	0	1	13	12	3	3	0	40	0	42	1	40	0	42
583	3	35	16	1	0				3	3	0	38	0	54	0	52	0	42

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct'			adde		adde			adde		sept.		minue		☉		minue	
0	5	58	49	0	36	1	15	6	3	8	1	2	0	12	0	53	0	18
10	0	11	20	0	54	1	15	30	3	9	0	55	0	42	3	24	0	24
20	0	23	55	1	6	1	15	42	3	9	0	43	0	54	5	55	0	30
30	0	36	32	1	12	1	16	0	3	10	0	37	1	0	8	25	0	42
40	0	49	12	1	12	1	15	48	3	9	0	9	1	0	18	54	0	54
											meri.		adde					
50	1	1	50	1	18	1	15	42	3	9	0	10	1	6	13	20	0	54
60	1	14	27	1	24	1	15	48	3	9	0	29	1	0	15	45	0	54
70	1	27	5	1	24	1	15	36	3	9	0	47	0	54	18	8	1	0
80	1	39	41	1	18	1	15	18	3	8	1	3	0	30	20	29	1	0
90	1	52	14	1	12	1	15	18	3	8	1	14	0	0	22	49	0	54
													minue					
100	2	4	47	1	0	1	14	36	3	7	1	18	0	12	25	9	1	0
110	2	17	13	0	42	1	14	6	3	5	1	18	0	30	27	25	1	0
120	2	29	34	0	30	1	13	24	3	4	1	13	1	6	29	39	1	0
130	2	41	48	0	12	1	12	54	3	2	1	0	1	24	31	47	0	48
				minue														
140	2	53	57	0	12	1	12	0	3	0	0	41	1	42	33	55	0	42
150	3	5	54	0	30	1	10	54	2	57	0	17	1	42	35	58	0	42
											sept.		adde					
160	3	17	46	0	54	1	9	42	2	54	0	10	2	30	37	54	0	42
170	3	29	23	1	12	1	8	42	2	52	0	46	2	6	39	41	0	36
180	3	40	50	1	30	1	6	30	2	46	1	20	2	6	41	22	0	36
190	3	51	55	1	48	1	5	36	2	44	1	55	1	30	42	45	0	30
195	3	57	22	1	54	1	4	48	2	42	1	13	1	18	43	23	0	30
200	4	2	47	2	6	1	2	36	2	37	1	26	1	6	43	57	0	30
105	4	8	0	2	0	1	1	12	2	33	1	39	0	48	41	23	0	18
210	4	13	6	2	12	1	0	0	2	30	2	49	0	30	44	41	0	30
215	4	18	6	2	12	0	58	39	2	26	2	59	0	24	44	54	0	24
													minue					
220	4	22	59	2	24	0	55	36	2	19	3	7	0	6	44	59	0	24
225	4	27	37	2	36	0	53	48	2	15	3	16	0	48	44	52	0	30

Reſiduū ♀

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Dies	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
	Directus			minue		adde			adde		ſept.		minue		☉		minue	
230	4	32	6	2	42	0	50	0	2	5	3	14	1	0	44	34	0	36
235	4	36	16	3	0	0	45	48	1	55	3	13	0	36	43	58	0	48
240	4	40	5	3	12	0	42	0	1	45	3	8	2	36	43	3	1	0
245	4	43	35	3	6	0	37	0	1	32	2	56	2	48	41	48	1	0
250	4	46	40	3	36	0	30	0	1	15	2	37	3	12	40	7	1	24
255	4	49	10	3	42	0	22	0	0	55	2	16	4	30	37	53	1	30
260	4	51	0	3	42	0	13	48	0	35	1	42	2	42	34	58	1	36
265	4	52	9	4	24	0	6	20	0	16	1	2	4	36	31	21	2	12
	retrog̃d⁹					minue			minue									
268	4	52	28	4	48	0	1	0	0	2	0	55	5	6	28	49	2	42
270	4	52	26	5	6	0	9	36	0	24	0	10	5	12	26	53	3	0
											meri.		adde					
275	4	51	38	5	12	0	19	36	0	49	0	33	7	6	21	20	3	12
280	4	50	0	5	30	0	29	48	1	15	1	42	6	12	14	56	3	36
285	4	47	31	5	18	0	31	36	1	29	2	53	5	54	0	41	3	36
																	adde	
290	4	44	33	5	54	0	35	0	1	28	4	3	5	12	0	3	4	12
295	4	41	38	6	6	0	30	0	1	15	4	22	4	12	7	46	4	18
300	4	39	8	5	30	0	21	24	0	53	4	41	3	30	15	4	4	0
305	4	37	21	5	18	0	9	48	0	24	4	46	3	0	21	38	3	54
310	4	36	32	4	36	0	3	0	0	9	4	52	1	54	27	16	3	24
	Directus					adde			adde									
312	4	36	26	3	42	0	4	40	0	12	4	52	1	12	29	18	2	56
315	4	36	40	3	30	0	13	48	0	24	4	49	0	24	31	57	2	36
													minue					
320	4	37	49	3	30	0	22	12	0	55	4	38	0	12	35	39	2	42
325	4	39	40	3	0	0	30	12	1	15	4	21	0	24	38	39	2	24
330	4	42	11	2	24	0	37	0	1	32	3	56	1	6	41	1	1	54
335	4	45	16	1	54	0	43	0	1	47	3	32	1	48	42	49	1	36
340	4	48	51	1	54	0	47	12	1	58	3	5	2	18	44	7	1	48
345	4	52	47	1	30	0	51	12	2	8	3	34	2	36	45	6	1	36
350	4	57	3	1	30	0	54	48	2	17	2	8	2	54	45	46	1	18
355	5	1	27	0	54	0	57	36	2	24	1	42	3	18	46	8	1	24
360	5	6	25	0	36	0	59	48	2	29	1	13	3	30	46	18	1	18

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho		Lati:		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		meri.		minue		☉		adde	
365	5	11	24	0	18	1	2	0	2	35	0	44	3	24	46	18	1	12
370	5	16	34	0	0	1	3	0	2	38	0	17	3	12	46	7	1	6
				adde							sept.		adde					
375	5	21	49	0	12	1	4	48	2	42	0	7	2	48	45	23	1	0
380	5	27	13	0	18	1	6	0	2	45	0	29	0	42	45	31	1	6
385	5	32	43	0	36	1	7	36	2	49	0	46	2	42	45	12	1	0
390	5	38	21	0	42	1	8	54	2	53	1	4	2	30	44	28	1	0
400	5	49	50	1	6	1	10	42	2	57	1	32	2	6	43	8	0	54
410	0	1	37	1	12	1	11	42	2	59	1	53	1	30	41	31	1	0
420	0	13	34	1	24	1	12	42	3	2	2	5	1	6	39	47	0	54
430	0	25	41	1	36	1	13	18	3	3	2	11	0	12	37	55	0	42
													minue					
440	0	37	54	1	42	1	14	6	3	5	2	6	0	24	35	56	0	36
450	0	50	15	1	30	1	14	30	3	6	1	53	0	40	33	46	0	36
460	1	2	40	1	30	1	14	45	3	7	1	36	1	18	31	34	0	36
470	1	15	7	1	6	1	14	42	3	7	1	12	1	18	29	22	0	36
480	1	27	34	1	18	1	14	54	3	7	0	50	1	36	27	4	0	18
490	1	40	3	0	54	1	14	48	3	7	0	24	1	54	24	42	0	12
											meri.		adde					
500	1	52	31	0	48	1	14	54	3	7	0	3	1	42	22	16	0	0
510	2	5	0	0	24	1	14	30	3	6	0	26	1	24	19	47	0	0
																	minue	
520	2	17	25	0	12	1	14	36	3	6	0	45	1	0	17	17	0	18
				minue														
530	2	29	51	0	6	1	14	12	3	5	0	58	0	30	14	43	0	18
540	2	42	13	0	18	1	14	6	3	5	1	3	0	12	12	8	0	24
													minue					
550	2	54	34	0	24	1	14	0	3	5	1	3	0	6	9	31	0	24
560	3	6	54	0	48	1	13	30	3	4	0	57	0	42	6	52	0	36
570	3	19	9	0	54	1	13	42	3	4	0	46	0	42	4	14	0	48
580	3	31	26	1	6	1	13	24	3	3	0	33	1	0	1	33	0	48
583	3	35	6	1	6				3	3	0	29	1	6	0	44	0	48

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	Locus			Eq̄tio		ad vi.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	ḡ	m̄	m̄	2	ḡ	m̄	2	m̄	2	ḡ	m̄	m̄	2	ḡ	m̄	m̄	2
es	directus			adde		adde			adde		sept.		mīue		☉		mīue	
0	5	58	55	0	48	1	15	24	3	8	1	0	0	36	0	50	0	30
10	0	11	29	0	54	1	15	42	3	9	0	48	0	48	3	20	0	42
20	0	24	6	1	6	1	15	48	3	9	0	34	0	48	5	50	0	48
30	0	36	44	1	12	1	16	0	3	10	0	17	1	0	8	18	0	54
											meri.		adde					
40	0	49	24	1	18	1	15	54	3	10	0	1	1	6	10	45	0	54
50	1	2	3	1	24	1	15	48	3	10	0	21	1	0	13	11	0	54
60	1	14	41	1	24	1	15	48	3	10	0	39	0	54	15	36	1	6
70	1	27	19	1	12	1	15	30	3	9	0	36	0	30	17	58	1	6
80	1	39	54	1	12	1	15	12	3	8	1	8	0	12	20	19	0	54
90	1	52	26	1	6	1	15	6	3	8	1	14	0	6	22	40	0	54
													mīue					
100	2	4	57	0	48	1	14	18	3	6	1	16	0	18	24	59	0	48
110	2	17	20	0	24	1	13	54	3	5	1	13	0	54	27	15	0	54
120	2	29	39	0	18	1	13	6	3	3	1	2	1	12	29	29	0	42
				mīue														
130	2	41	50	0	6	1	12	30	3	1	0	46	1	30	31	39	0	36
140	2	53	55	0	24	1	11	42	2	59	0	24	1	36	33	48	0	36
											sept.		adde					
150	3	5	52	0	42	1	10	30	2	56	0	0	2	30	35	51	0	30
160	3	17	37	1	0	1	9	24	2	53	0	35	2	0	37	47	0	24
170	3	29	11	1	18	1	8	24	2	51	1	7	2	12	39	35	0	24
180	3	40	35	1	36	1	6	12	2	45	1	41	1	36	41	16	0	18
190	3	51	37	1	48	1	5	24	2	43	1	10	1	24	42	40	0	12
195	3	57	4	1	48	1	4	24	2	41	2	26	1	0	43	18	0	6
200	4	2	26	1	54	1	2	48	2	37	2	37	0	42	43	52	0	12
205	4	7	40	2	6	1	0	48	2	32	2	47	0	30	44	20	0	18
210	4	12	44	2	18	1	0	0	2	30	2	54	0	12	44	36	0	18
													mīue					
215	4	17	44	2	24	0	58	12	2	25	3	3	0	30	44	50	0	18
220	4	22	35	2	30	0	55	12	2	12	3	6	0	36	44	55	0	24
225	4	27	11	2	30	0	53	36	2	14	3	8	1	12	44	47	0	24
230	4	31	39	2	0	0	49	24	2	4	3	4	1	48	44	28	0	42

Reliduum ♀

2 0

	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		sept.		minue		☉		minue	
235	4	35	46	2	42	0	45	24	1	54	2	57	2	30	43	50	0	36
240	4	39	33	2	48	0	42	6	1	45	2	42	2	30	42	53	0	42
245	4	43	4	3	6	0	36	0	1	30	2	28	3	24	41	38	0	54
250	4	46	4	3	0	0	29	48	1	15	2	5	4	18	39	53	0	54
255	4	48	33	3	18	0	22	0	0	55	1	31	4	36	37	38	1	12
260	4	50	23	3	48	0	12	24	0	31	0	55	4	36	34	42	1	42
265	4	51	55	3	42	0	5	0	0	12	0	16	5	30	30	59	1	48
	retrog̃d'					minue			minue		meri.		adde					
268	4	51	40	4	36	0	2	30	0	6	0	16	6	12	28	22	2	12
270	4	51	35	4	6	0	9	48	0	25	0	34	6	30	26	23	2	12
275	4	50	46	4	12	0	20	12	0	51	1	43	5	30	20	48	2	30
280	4	49	5	5	0	0	29	24	1	14	2	44	4	54	14	20	3	18
285	4	46	38	5	24	0	36	48	1	32	3	53	4	18	7	5	3	42
																	adde	
290	4	43	34	5	12	0	35	12	1	28	4	55	4	48	0	45	3	28
295	4	40	38	4	54	0	29	0	1	12	5	4	4	30	8	29	3	36
300	4	38	13	4	54	0	21	0	0	52	5	16	3	0	15	44	3	42
305	4	36	28	4	6	0	8	24	0	21	5	16	1	48	22	17	3	12
	Directus					adde			adde									
310	4	35	46	3	42	0	3	48	0	10	5	11	0	12	27	50	2	54
315	4	36	5	3	12	0	13	48	0	34	4	53	0	12	32	23	2	36
													minue					
320	4	37	14	2	42	0	23	12	0	58	4	36	0	24	36	6	2	12
325	4	39	10	2	12	0	31	24	1	18	4	17	2	12	39	3	1	54
330	4	41	47	2	6	0	38	0	1	35	3	45	2	12	41	20	2	0
335	4	44	57	1	42	0	43	0	1	48	3	14	2	30	43	5	1	48
340	4	48	32	1	12	0	48	0	2	0	2	42	2	54	44	25	1	30
345	4	52	32	0	48	0	52	12	2	10	2	8	3	18	45	22	1	18
350	4	56	53	0	36	0	55	0	2	17	1	39	3	36	45	59	1	18
355	5	1	28	0	18	0	58	12	2	25	1	9	3	30	46	22	1	12
260	5	6	19	0	0	1	0	24	2	31	0	38	3	12	46	31	1	6
				adde														
365	5	11	21	0	6	1	2	36	2	37	0	10	3	0	46	30	1	12

Residuũ ♀

2 20

	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m̃	m̃	2	g	m̃	2	m̃	2	g	m̃	m̃	2	g	m̃	m̃	2
es	Direct'			adde		adde			adde		sept.		adde		☉		adde	
370	5	16	34	0	12	1	3	24	2	39	0	15	3	0	46	18	1	12
375	5	21	51	0	30	1	5	0	2	42	0	35	3	0	46	3	1	6
380	5	27	16	0	42	1	6	36	2	46	0	56	2	42	45	42	1	0
385	5	32	49	0	54	1	7	48	2	50	1	13	2	18	45	12	1	0
390	5	38	28	1	12	1	9	18	2	53	1	29	2	18	44	38	0	48
400	5	50	1	1	18	1	10	48	2	57	1	53	2	0	43	17	0	54
410	0	1	49	1	24	1	11	54	3	0	2	8	1	18	41	41	0	54
420	0	12	48	1	42	1	12	54	3	2	2	16	0	18	39	56	0	42
													minue					
430	0	25	57	1	42	1	13	24	3	4	2	13	0	18	38	2	0	42
440	0	38	11	1	36	1	13	54	3	5	2	2	0	36	36	2	0	36
450	0	50	30	1	36	1	14	30	3	6	1	45	1	12	33	55	0	30
460	1	3	55	1	30	1	14	18	3	6	1	23	1	18	31	43	0	18
470	1	15	18	1	30	1	14	54	3	7	0	59	1	30	29	28	0	6
480	1	27	47	1	0	1	14	30	3	7	0	34	1	54	27	7	0	6
																	minue	
490	1	40	12	0	54	1	14	42	3	7	0	5	1	42	24	44	0	6
											meri.		adde					
500	1	52	39	0	30	1	14	30	3	6	0	20	1	24	22	16	0	6
510	2	5	4	0	12	1	14	18	3	6	0	40	1	36	19	47	0	18
520	2	17	27	0	0	1	14	18	3	6	0	55	0	36	17	14	0	24
				minue														
530	2	29	50	0	18	1	14	0	3	5	1	3	0	12	14	40	0	24
540	2	42	10	0	30	1	14	0	3	5	1	5	0	0	12	4	0	36
													minue					
550	2	54	30	0	54	1	13	36	3	4	1	1	0	36	9	24	0	36
560	3	6	46	1	0	1	13	24	3	4	0	50	0	36	6	46	0	42
570	3	19	0	1	0	1	13	30	3	4	0	39	1	0	4	6	0	48
580	3	31	15	1	12	1	15	24	3	4	0	23	0	54	1	25	0	48
583	3	34	55	1	12				3	4	0	18	1	0	0	37	0	54

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	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elōga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		sept.		miue		☉		miue	
0	5	59	3	0	54	1	15	30	3	9	0	54	0	36	0	45	0	42
10	0	11	28	1	6	1	15	54	3	10	0	40	0	48	3	13	0	48
20	0	24	17	1	12	1	15	54	3	10	0	26	1	12	5	42	0	54
30	0	36	56	1	18	1	16	6	3	10	0	7	1	6	8	9	0	54
											meri.		adde					
40	0	49	37	1	24	1	16	0	3	10	0	12	1	6	10	36	0	54
50	1	2	17	1	24	1	15	48	3	9	0	31	0	48	13	2	1	0
60	1	14	55	1	12	1	15	36	3	9	0	41	0	42	15	26	1	6
70	1	27	31	1	12	1	15	30	3	9	1	1	0	24	17	47	0	54
80	1	40	6	1	0	1	15	6	3	8	1	10	0	12	20	10	0	54
													miue					
90	1	52	37	0	42	1	14	48	3	7	1	15	0	18	22	31	0	54
100	2	5	5	0	30	1	13	54	3	5	1	13	0	42	24	51	0	54
110	2	17	24	0	24	1	13	48	3	4	1	4	1	6	27	6	0	36
				miue														
120	2	29	42	0	6	1	12	42	3	2	0	50	1	18	29	22	0	36
130	2	41	49	0	18	1	12	12	3	1	0	31	1	30	31	33	0	30
140	2	53	51	0	42	1	11	24	2	58	0	8	1	0	33	42	0	30
											sept.		adde					
150	3	5	45	0	54	1	10	12	2	56	0	25	1	42	35	46	0	18
160	3	17	27	1	12	1	[illegible]	6	2	53	0	55	2	12	37	43	0	18
170	3	28	58	1	30	1	8	6	2	50	1	29	1	30	39	31	0	18
180	3	40	29	1	45	1	6	0	2	45	1	57	1	24	41	13	0	12
190	3	51	19	1	45	1	5	24	2	43	2	24	0	48	42	38	0	0
195	3	56	46	1	54	1	4	12	2	40	2	36	0	36	43	17	0	6
200	4	2	7	2	0	1	2	24	2	36	2	44	0	12	43	50	0	0
													miue					
205	4	7	19	2	15	1	0	24	2	31	2	52	0	6	44	17	0	12
210	4	12	21	2	15	0	59	48	2	29	2	56	0	6	44	33	0	6
215	4	17	20	2	15	0	58	0	2	25	2	58	0	36	44	40	0	6
220	4	22	10	2	30	0	55	12	2	18	3	0	1	24	44	51	0	18
225	4	26	46	2	24	0	52	6	2	12	2	56	2	6	44	43	0	18

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elōga.		Equo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			miue		adde			adde		sept.		miue		⊙		miue	
230	4	31	9	2	18	0	50	0	2	5	2	46	2	0	44	21	0	18
235	4	35	19	2	42	0	45	12	1	53	2	32	2	24	43	44	0	30
240	4	39	5	2	24	0	41	36	1	44	2	17	3	36	42	46	0	18
245	4	42	33	2	42	0	36	12	1	31	1	54	4	24	41	29	0	36
250	4	45	34	2	54	0	29	12	1	13	1	22	4	6	39	44	0	48
255	4	48	0	3	0	0	21	0	0	52	0	45	4	30	37	26	1	6
260	4	49	45	3	6	0	12	36	0	31	0	9	5	48	34	25	1	12
											meri.		adde					
265	4	50	48	3	6	0	3	0	0	7	0	38	6	6	30	41	1	24
	retrogd⁹					miue			miue									
267	4	50	54	2	54	0	0	0	0	0	1	8	5	12	28	53	1	12
270	4	50	54	3	30	0	10	0	0	25	1	39	5	12	26	1	1	48
275	4	50	4	4	12	0	21	48	0	54	2	35	4	6	20	23	2	30
280	4	48	15	4	6	0	30	12	1	16	3	33	5	6	13	47	2	36
285	4	45	44	4	6	0	36	24	1	31	4	35	6	42	6	28	2	42
																	adde	
290	4	42	42	4	0	0	34	36	1	27	5	43	4	18	1	22	2	54
295	4	39	49	2	42	0	29	0	1	12	5	49	2	54	9	5	2	48
300	4	37	24	3	42	0	19	24	0	48	5	46	1	36	16	21	5	54
305	4	35	47	2	54	0	7	36	0	19	5	34	0	36	22	49	2	18
	Direct⁹					adde			adde									
310	4	35	9	2	36	0	4	48	0	12	5	13	0	12	28	19	2	12
													miue					
315	4	35	33	2	18	0	14	48	0	37	4	55	1	0	32	49	2	0
320	4	36	47	2	6	0	24	12	1	1	4	32	1	54	36	28	2	0
325	4	38	48	1	48	0	31	36	1	19	3	55	2	12	39	22	1	54
330	4	41	26	1	12	0	38	48	1	37	3	23	2	42	41	40	1	30
335	4	44	40	1	0	0	44	0	1	50	2	49	3	24	43	23	1	30
340	4	48	20	0	36	0	48	48	2	2	2	13	3	42	44	40	1	18
345	4	52	24	0	30	0	52	36	2	12	1	35	3	42	45	35	1	24
350	4	56	47	0	6	0	55	36	2	19	1	3	3	30	46	12	1	12
				adde														
355	5	1	25	0	12	0	58	48	2	27	0	34	3	24	46	34	1	6
360	5	6	19	0	24	1	0	36	2	32	0	6	3	18	46	42	1	6

Reliduum ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		Sept.		adde		☉		adde	
365	5	11	22	0	36	1	2	48	2	37	0	20	3	0	46	42	1	0
370	5	16	36	0	36	1	4	0	2	40	0	45	2	42	46	30	1	6
375	5	21	56	1	6	1	5	24	2	44	1	5	2	30	46	14	0	48
380	5	27	23	1	6	1	7	0	5	48	1	23	2	54	45	50	0	54
385	2	32	58	1	18	1	8	24	2	51	1	36	2	42	45	22	0	48
390	5	38	40	1	18	1	9	24	2	54	1	52	2	18	44	46	0	54
400	5	50	14	1	30	1	10	54	2	57	2	13	2	12	43	26	0	48
410	0	2	3	1	24	1	12	12	3	0	2	21	0	30	41	50	0	42
420	0	14	5	1	42	1	12	54	3	2	2	19	0	6	40	3	0	54
													adde					
430	0	26	14	1	42	1	13	18	3	3	2	10	0	24	38	9	0	30
440	0	38	27	1	36	1	13	54	3	5	1	56	1	18	36	8	0	24
450	0	50	46	1	30	1	14	24	3	6	1	33	1	18	34	0	0	18
460	1	3	10	1	18	1	14	18	3	6	1	10	1	42	31	46	0	12
470	1	15	33	1	0	1	14	24	3	6	0	44	2	12	29	29	0	6
																	minue	
480	1	27	57	0	54	1	14	24	3	6	0	15	1	54	27	8	0	6
											meri.		adde					
490	1	40	21	0	36	1	14	18	3	6	0	13	1	30	24	43	0	6
500	1	52	44	0	24	1	14	12	3	6	0	34	1	12	22	15	0	18
510	2	5	6	0	0	1	14	6	3	5	0	50	0	48	19	44	0	24
				minue														
520	2	17	27	0	12	1	14	0	3	5	1	1	0	36	17	10	0	30
530	2	29	49	0	36	1	13	48	3	5	1	5	0	12	14	36	0	42
													minue					
540	2	42	5	0	42	1	13	36	3	4	1	5	0	18	11	58	0	42
550	2	54	21	0	54	1	13	30	3	4	0	55	0	30	9	19	0	48
560	3	6	36	0	54	1	13	24	3	4	0	44	0	42	6	39	0	54
570	3	18	50	1	18	1	13	18	3	3	0	29	0	48	3	58	0	48
580	3	31	3	1	15	1	13	24	3	3	0	14	1	12	1	17	0	54
583	3	34	43	1	15				3	3	0	8	1	12	0	28	0	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct²			adde		adde			adde		sept.		miue		☉		miue	
0	5	59	12	1	0	1	15	42	3	9	0	48	0	48	0	38	0	54
10	0	11	49	1	12	1	16	0	3	10	0	32	0	54	3	5	0	54
20	0	24	29	1	18	1	16	0	3	10	0	14	1	0	5	33	0	54
											meri.		adde					
30	0	37	9	1	24	1	16	12	3	10	0	4	1	9	8	0	1	0
40	0	49	51	1	24	1	16	0	3	10	0	23	0	54	10	27	1	0
50	1	2	31	1	18	1	15	36	3	9	0	39	0	54	12	52	1	0
60	1	15	7	1	18	1	15	36	3	9	0	55	0	36	15	15	0	48
70	1	27	43	1	0	1	15	18	3	8	1	5	0	24	17	38	0	54
													miue					
80	1	40	16	0	24	1	14	48	3	7	1	12	0	18	20	2	0	54
90	1	52	44	0	36	1	14	39	3	6	1	12	0	36	22	22	0	48
100	2	5	10	0	11	1	13	48	3	5	1	6	1	0	24	42	0	42
				miue														
110	2	17	28	0	6	1	13	15	3	3	0	53	1	12	27	0	0	36
120	2	29	41	0	18	1	12	30	3	1	0	37	1	24	29	16	0	30
130	2	41	46	0	42	1	11	48	2	59	0	16	1	54	31	28	0	30
											sept.		adde					
140	2	53	44	0	54	1	11	12	2	58	0	12	2	0	33	37	0	18
150	3	5	36	1	18	1	19	54	2	55	0	42	2	18	35	43	0	24
160	3	17	15	1	24	1	8	48	2	52	1	17	1	42	37	40	0	12
																	adde	
170	3	28	43	1	30	1	7	48	2	50	1	44	1	18	39	28	0	6
180	3	40	1	1	42	1	6	6	2	45	2	11	1	12	41	11	0	6
190	3	51	1	1	54	1	5	0	2	43	2	32	0	30	42	38	0	6
195	3	56	27	2	0	1	4	0	2	40	2	42	0	12	43	16	0	6
																	miue	
200	4	1	47	2	12	1	1	48	2	35	2	46	0	6	43	50	0	6
												•	miue				adde	
205	4	6	56	2	0	1	0	36	2	32	2	51	0	18	44	15	0	6
210	4	11	59	2	12	0	59	48	2	29	2	55	1	12	44	32	0	6
																	miue	
215	4	16	58	2	12	0	57	24	2	23	2	52	1	33	44	32	0	6
220	4	21	45	2	6	2	55	24	2	18	2	46	1	54	44	48	0	0

Residuum ♀

2 20

	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elóga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			minue		adde			adde		sept.		minue		☉		minue	
225	4	26	22	2	12	0	52	48	2	12	2	35	2	0	44	40	0	0
230	4	30	46	2	6	0	49	12	2	3	2	26	2	48	44	18	0	0
235	4	34	52	2	6	0	45	48	1	55	2	8	3	48	43	39	0	0
240	4	38	41	2	24	0	41	0	1	43	1	41	3	54	42	43	0	18
245	4	42	6	2	18	0	35	48	1	30	1	10	3	54	41	23	0	18
250	4	45	5	2	18	0	28	48	1	12	0	41	4	48	39	36	0	24
											meri.		adde					
255	4	47	29	2	24	0	21	0	0	52	0	0	5	30	37	15	0	42
260	4	49	14	2	18	0	12	36	0	33	0	49	5	0	34	13	0	42
265	4	50	17	2	48	0	4	0	0	10	1	40	4	30	30	37	1	6
	retrogd°.					minue												
267	4	50	25	3	6	0	2	0	0	5	2	0	4	12	24	41	1	36
270	4	50	19	3	0	0	11	24	0	23	2	31	4	12	25	43	1	30
275	4	49	22	2	42	0	21	36	0	54	3	19	5	12	19	58	1	24
280	4	47	34	2	48	0	30	12	1	15	4	24	6	0	13	21	1	24
285	4	45	3	2	36	0	36	12	1	31	5	42	3	54	6	0	1	42
																	adde	
290	4	42	2	2	54	0	34	0	1	25	6	26	2	54	1	51	2	6
295	4	39	12	2	48	0	29	0	10	12	6	18	1	30	9	33	2	12
300	4	36	47	2	24	0	17	48	0	44	6	2	0	30	16	50	2	0
													minue					
305	4	35	18	2	24	0	7	0	0	17	5	40	0	30	23	12	2	6
	Direct°					adde												
310	4	34	43	2	0	0	5	24	0	14	5	15	1	30	28	41	1	54
315	4	35	10	1	42	0	15	12	0	38	4	41	1	54	33	9	1	48
320	4	36	26	1	18	0	24	48	1	2	4	13	2	36	36	48	1	36
325	4	38	30	1	0	0	32	48	1	22	3	33	2	48	39	41	1	30
330	4	41	14	0	30	0	39	12	1	38	2	56	4	12	41	55	1	12
335	4	44	30	0	18	0	44	48	1	52	2	15	3	12	43	38	1	12
340	4	48	14	0	0	0	49	0	2	2	1	36	2	54	44	53	1	6
				adde														
345	4	52	19	0	18	0	53	24	2	13	0	58	3	6	45	49	1	0
350	4	56	46	0	24	0	56	12	2	21	0	28	3	12	46	24	1	6
											sept.		adde					
355	5	1	27	0	36	0	59	12	2	28	0	0	3	6	46	45	1	0

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			adde		adde			adde		sept.		adde		⊙		adde	
360	5	6	23	0	48	1	1	0	2	33	0	27	3	24	46	53	0	54
365	5	11	28	1	0	1	2	48	2	34	0	50	3	18	46	52	0	54
370	5	16	42	1	12	1	5	0	2	43	1	12	3	18	46	41	0	48
375	5	22	7	1	18	1	5	24	2	44	1	30	3	0	46	22	0	48
380	5	27	34	1	36	1	7	24	2	48	1	52	2	12	46	1	0	36
385	5	33	11	1	36	1	8	24	2	51	2	3	1	54	45	20	0	36
390	5	38	53	1	42	1	9	36	2	54	2	15	1	24	44	55	0	36
400	5	50	29	1	54	1	11	6	2	54	2	25	0	48	43	34	0	30
410	0	2	20	1	54	1	11	54	3	0	2	26	0	18	41	57	0	24
													mĩue					
420	0	14	19	2	0	1	13	12	3	3	2	20	0	30	40	12	0	12
430	0	26	31	1	36	1	13	12	3	3	2	6	1	12	38	14	0	24
440	0	38	43	1	36	1	13	48	3	4	1	43	1	12	36	12	0	12
450	0	51	1	1	24	1	14	12	3	5	1	20	1	36	34	3	0	12
460	1	3	23	1	6	1	14	0	3	5	0	53	2	0	31	48	0	0
																	mĩue	
470	1	5	43	0	54	1	14	18	3	6	0	22	1	18	29	30	0	6
											meri.		adde					
480	1	28	6	0	36	1	14	0	3	5	0	4	1	42	27	7	0	12
490	1	40	26	0	18	1	14	0	3	5	0	28	1	24	24	42	0	24
500	1	52	46	0	6	1	14	0	3	5	0	46	1	0	22	12	0	30
				mĩue														
510	2	5	6	0	6	1	13	54	3	5	0	58	0	42	19	40	0	36
520	2	17	25	0	30	1	13	48	3	4	1	7	0	12	17	5	0	36
													mĩue					
530	2	29	43	0	42	1	13	30	3	4	1	7	0	12	14	29	0	48
540	2	41	58	0	54	1	13	24	3	4	1	2	0	36	11	51	0	48
550	2	54	12	1	0	1	13	36	3	4	0	50	0	30	9	11	0	48
560	3	6	27	1	12	1	13	0	3	3	0	37	1	6	6	30	0	54
570	3	18	37	1	12	1	13	24	3	3	0	21	1	6	3	50	0	54
580	3	30	51	1	12	1	13	12	3	3	0	2	1	6	1	8	0	54
											sept.		adde					
583	3	34	31	1	12				3	3	0	4	1	0	0	19	0	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g	m̃	m̃	2	g	m̃	2	m̃	2	g	m̃	m̃	2	g	m̃	m̃	2
es	Direct⁹			adde		adde			adde		sept.		mīue		☉		mīue	
0	5	59	22	1	18	1	15	54	3	10	0	40	1	0	0	29	0	48
10	0	12	1	1	18	1	16	6	3	10	0	23	1	6	2	56	0	54
20	0	24	42	1	24	1	16	6	3	10	0	4	1	0	5	24	1	0
											men.		adde					
30	0	37	23	1	24	1	16	12	3	10	0	15	0	54	7	50	1	0
40	0	50	5	1	18	1	15	54	3	10	0	32	1	0	10	17	1	0
50	1	2	44	1	12	1	15	36	3	9	0	48	0	42	12	42	0	54
60	1	15	20	1	0	1	15	18	3	8	1	1	0	36	15	7	0	54
70	1	27	53	0	54	1	15	12	3	8	1	9	0	0	17	29	0	48
													mīue					
80	1	40	25	0	30	1	14	30	3	6	1	9	0	12	19	52	0	42
90	1	52	50	0	18	1	14	18	3	6	1	6	0	54	22	14	0	42
				mīue														
100	2	5	13	0	6	1	13	24	3	4	0	56	1	18	24	35	0	30
110	2	17	27	0	18	1	13	6	3	3	0	41	1	18	26	54	0	30
120	2	29	38	0	36	1	12	6	3	0	0	23	1	48	29	11	0	24
											sept.		adde					
130	2	41	39	0	48	1	11	6	2	59	0	3	1	54	31	23	0	12
140	2	53	35	1	6	1	10	48	2	57	0	32	2	6	33	34	0	12
150	3	5	23	1	30	1	9	48	2	55	1	5	1	54	35	39	0	12
																	adde	
160	3	17	1	1	30	1	8	42	2	52	1	34	1	12	37	38	0	6
170	3	28	28	1	36	1	7	36	2	49	1	57	1	24	39	29	0	6
180	3	39	44	1	42	1	5	54	2	45	2	33	0	24	41	11	0	18
190	3	50	43	1	57	1	4	48	2	42	2	37	0	24	42	39	0	6
													mīue					
195	3	56	7	1	57	1	3	36	2	39	2	44	0	6	43	17	0	12
200	4	1	25	1	57	1	2	30	2	36	2	47	0	48	43	49	0	18
205	4	6	36	1	57	1	0	12	2	31	2	48	1	12	44	16	0	6
210	4	11	37	1	57	0	59	48	2	29	2	43	1	24	44	32	0	6
215	4	16	36	1	57	0	57	36	2	24	2	37	1	42	44	45	0	18
220	4	21	24	1	45	0	55	12	2	18	2	27	2	12	44	48	0	24
225	4	26	0	1	57	0	53	0	2	12	2	15	2	54	44	40	0	12
230	4	30	25	1	57	0	49	12	2	3	1	58	3	36	44	18	0	6

Residuū ♀

2 30

	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		sept.		minue		☉		adde	
235	4	34	31	1	54	0	45	12	1	53	1	30	3	30	43	39	0	6
240	4	38	17	1	48	0	41	12	1	43	1	2	4	0	42	40	0	6
245	4	41	43	1	45	0	35	48	1	30	0	31	4	30	41	20	0	0
											meri.		adde				minue	
250	4	44	42	1	45	0	28	36	1	12	0	7	5	0	39	32	0	6
255	4	47	5	1	45	0	21	12	0	53	0	55	4	12	37	8	0	12
260	4	48	51	2	0	0	11	36	0	29	1	39	4	6	34	6	0	30
265	4	49	49	1	42	0	2	30	0	6	2	25	4	18	30	16	0	24
	retrogd'					minue												
267	4	49	54	1	36	0	1	40	0	4	2	42	4	42	28	23	0	24
270	4	49	47	1	30	0	10	48	0	27	3	13	4	42	25	28	0	24
275	4	48	55	1	24	0	21	48	0	55	4	11	5	24	19	44	0	30
280	4	47	6	1	42	0	29	48	1	18	5	24	3	12	13	4	0	54
285	4	44	37	1	42	0	36	48	1	32	6	21	2	30	5	42	1	6
																	adde	
290	4	41	33	1	42	0	33	48	1	25	6	55	1	30	2	12	1	18
295	4	38	44	1	48	0	28	12	1	10	6	33	0	24	9	55	1	30
													minue					
300	4	36	23	1	36	0	17	48	0	44	6	7	0	54	17	10	1	30
305	4	34	54	1	24	0	6	12	0	15	5	35	1	18	23	33	1	30
	Directus					adde												
310	4	34	23	0	48	0	6	0	0	15	5	0	2	12	29	0	1	12
315	4	34	53	0	48	0	16	0	0	40	4	26	3	24	33	27	1	18
320	4	36	13	0	30	0	25	24	1	3	3	47	3	54	37	4	1	12
325	4	38	20	0	54	0	33	48	1	24	3	5	3	54	39	56	1	6
330	4	41	9	0	6	0	39	36	1	39	4	24	3	54	42	7	1	12
				adde														
335	4	44	27	0	18	0	45	24	1	54	1	43	3	54	43	50	1	0
340	4	48	14	0	24	0	49	36	2	4	1	7	4	36	45	4	1	6
345	4	52	22	0	36	0	53	36	2	14	0	28	4	48	45	59	1	0
											sept.		adde					
350	4	56	50	0	54	0	56	36	2	22	0	4	4	36	46	35	0	48
355	5	1	33	1	12	0	59	36	2	29	0	31	3	48	46	55	0	42
360	5	6	31	1	18	1	1	24	2	34	1	1	3	24	47	2	0	42

Residum ♀

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Dies	Locus directus			Eqtio adde		ad di. adde			ad ho adde		Lati. sept.		Eqtio adde		Eloga. ☉		Eqtio adde	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
365	5	11	38	1	36	1	3	12	2	38	1	23	3	6	47	1	0	30
370	5	16	54	1	42	1	5	12	2	42	1	45	2	36	46	40	0	30
375	5	22	20	1	42	1	6	0	2	45	2	0	2	18	46	30	0	30
380	5	27	50	1	42	1	7	24	2	49	2	14	1	42	46	7	0	36
385	5	33	27	1	36	1	8	36	2	52	2	22	1	24	45	36	0	42
390	5	39	10	1	48	1	9	48	2	55	2	29	1	6	45	1	0	36
400	5	50	48	1	54	1	11	6	2	58	2	33	1	18	43	39	0	24
													minue					
410	0	2	39	1	48	1	12	0	3	0	2	29	1	18	42	1	0	24
420	0	14	39	1	36	1	12	48	3	2	2	15	1	0	40	14	0	24
430	0	26	47	1	30	1	13	12	3	3	1	54	1	12	38	18	0	18
440	0	38	59	1	30	1	13	36	3	4	1	31	1	24	36	14	0	6
																	minue	
450	0	51	15	1	12	1	13	54	3	5	1	4	1	48	34	5	0	6
460	1	3	34	1	0	1	13	48	3	5	0	31	2	0	31	48	0	12
470	1	15	52	0	42	1	14	0	3	5	0	4	1	48	29	29	0	18
											meri.		adde					
480	1	28	12	0	18	1	13	45	3	5	0	21	1	24	27	5	0	24
490	1	40	29	0	0	1	13	45	3	5	0	42	1	0	24	38	0	24
													minue					
500	1	52	47	0	6	1	13	45	3	5	0	56	0	48	22	7	0	36
510	2	5	5	0	24	1	13	30	3	4	1	5	0	42	19	34	0	42
													minue					
520	2	17	20	0	36	1	13	30	3	4	1	9	0	6	16	59	0	48
520	2	29	36	0	48	1	13	18	3	3	1	5	0	18	14	21	0	48
540	2	41	49	1	6	1	13	18	3	3	0	56	0	30	11	43	0	48
550	2	54	2	1	12	1	13	18	3	3	0	45	0	48	9	3	0	54
560	3	6	15	1	15	1	13	0	3	3	0	26	0	54	6	21	0	48
570	3	18	22	1	15	1	13	24	3	3	0	10	1	0	3	41	0	54
											sept.		adde					
580	3	30	39	1	15	1	13	12	3	3	0	9	1	0	0	59	0	54
583	3	34	19	1	15				3	3	0	14	1	0	0	10	0	54

	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		minue		☉		minue	
0	5	59	35	1	6	1	15	54	3	10	0	30	1	0	0	21	1	6
10	0	12	14	1	24	1	16	12	3	10	0	12	1	0	2	47	1	0
											meri.		adde					
20	0	24	56	1	24	1	16	6	3	10	0	6	1	0	5	14	1	0
30	0	37	37	1	18	1	16	6	3	10	0	24	0	54	7	40	0	54
40	0	50	18	1	6	1	15	48	3	9	0	42	0	48	10	7	1	0
50	1	2	56	1	0	1	15	24	3	9	0	55	0	36	12	33	0	54
													minue					
60	1	15	30	0	48	1	15	12	3	8	1	7	0	6	14	58	0	54
70	1	28	2	0	36	1	14	48	3	7	1	9	0	12	17	21	0	42
80	1	40	30	0	18	1	14	18	3	6	1	7	0	30	19	45	0	42
90	1	52	53	0	0	1	13	54	3	5	0	57	0	30	22	7	0	30
				minue														
100	2	5	12	0	12	1	13	12	3	3	0	47	1	6	24	30	0	24
																	adde	
110	2	17	24	0	6	1	12	48	3	2	0	28	1	42	26	49	0	6
																	minue	
120	2	29	32	0	48	1	11	54	3	0	0	5	1	48	29	7	0	12
											sept.		adde					
130	2	41	31	1	0	1	11	18	2	58	0	22	2	0	31	21	0	6
140	2	53	24	1	18	1	10	24	2	56	0	53	2	0	33	32	0	0
																	adde	
150	3	5	8	1	18	1	9	48	2	55	1	24	1	6	35	37	0	18
160	3	16	46	1	30	1	8	36	2	52	1	46	1	30	37	39	0	12
170	3	28	12	1	42	1	7	30	2	49	2	11	0	42	39	30	0	18
180	3	39	27	2	0	1	5	36	2	44	2	27	0	36	41	14	0	6
													minue					
190	3	50	23	1	48	1	5	0	2	42	2	41	0	30	42	40	0	24
195	3	55	48	1	48	1	3	36	2	39	2	43	1	0	43	19	0	18
200	4	1	6	1	48	1	2	0	2	35	2	39	1	0	43	52	0	18
205	4	6	16	1	54	1	0	12	2	31	2	36	1	30	44	17	0	18
210	4	11	17	1	39	1	0	0	2	30	2	29	1	48	44	33	0	30
215	4	16	17	1	39	0	58	0	2	25	2	20	2	30	44	48	0	24
220	4	21	7	2	0	0	54	48	2	17	2	5	3	6	44	52	0	6
225	4	25	41	1	36	0	52	48	2	12	1	46	3	24	44	42	0	24

Residuũ ♀

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elõga.		Eqtio	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Directᵒ			minue		adde			adde		sept.		minue		☉		adde	
230	4	30	5	1	30	0	49	24	2	4	1	22	3	12	44	19	0	24
235	4	34	12	1	30	0	45	24	1	54	0	55	3	42	43	40	0	12
240	4	37	59	1	24	0	41	24	1	44	0	22	3	48	42	41	0	18
											meri.		adde					
245	4	41	26	1	24	0	35	48	1	30	0	14	4	24	41	20	0	12
250	4	44	35	1	12	0	28	24	1	11	0	57	3	54	39	31	0	18
255	4	46	47	1	48	0	20	48	0	52	1	37	4	12	37	6	0	30
260	4	48	31	1	36	0	12	12	0	30	2	20	4	36	34	1	0	36
265	4	49	32	1	30	0	3	20	0	8	3	8	4	18	30	12	0	24
	retrogᵈᵒ					minue			minue									
268	4	49	42	1	6	0	4	0	0	10	3	41	4	6	27	28	0	18
270	4	49	34	0	30	0	10	36	0	27	4	0	4	36	25	24	0	18
275	4	48	41	0	30	0	22	24	0	56	5	5	2	48	19	39	0	6
280	4	46	49	0	24	0	29	48	1	15	5	56	2	12	12	55	0	0
																	minue	
285	4	44	20	0	36	0	36	48	1	32	6	46	1	12	5	22	0	18
288	4	42	30	0	36	0	36	48	1	32	7	21	0	6	0	45	0	18
													minue				adde	
290	4	41	16	0	30	0	34	0	1	25	7	10	0	6	2	27	0	12
295	4	38	26	0	24	0	27	48	1	30	6	37	0	42	10	10	0	30
				adde														
300	4	36	7	0	6	0	17	24	0	43	5	58	2	12	17	23	0	18
				minue														
305	4	34	40	0	16	0	5	0	0	12	5	22	3	12	23	48	0	48
	Directus					adde			adde									
310	4	34	15	0	6	0	6	0	0	15	4	38	3	54	29	12	0	48
315	4	34	45	0	6	0	16	36	0	42	3	52	4	0	23	40	1	0
				adde														
320	4	36	8	0	24	0	24	36	1	2	3	8	4	30	37	16	0	42
325	4	38	11	1	18	0	35	24	1	29	2	26	4	18	40	7	0	42
330	4	41	8	0	42	0	40	24	1	41	1	45	4	45	42	19	0	48
335	4	44	30	0	42	0	45	36	1	54	1	4	4	18	44	9	0	54
340	4	48	18	1	18	0	50	0	2	5	0	21	4	0	45	15	0	24
											sept.		adde					
345	4	52	28	1	42	0	54	12	2	16	0	10	4	6	46	9	0	12

Residuū ♀

2 40

	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		adde		☉		adde	
350	4	56	59	1	36	0	57	12	2	23	0	45	3	42	46	43	0	24
355	5	1	45	1	36	0	59	48	2	30	1	9	3	30	47	2	0	30
360	5	6	44	1	45	1	2	0	2	35	1	35	3	0	47	9	0	24
365	5	11	54	1	45	1	2	0	2	39	1	54	2	6	47	6	0	30
370	5	17	11	1	48	1	5	12	2	43	2	11	0	0	46	54	0	30
375	5	22	37	1	54	1	6	0	2	45	2	23	1	36	46	35	0	30
380	5	28	7	2	6	1	7	12	2	48	2	31	1	18	46	12	0	18
385	5	33	43	2	6	1	9	0	2	52	2	36	1	0	45	43	0	18
390	5	39	28	2	0	1	9	54	2	55	2	40	0	30	45	7	0	18
400	5	51	7	1	54	1	11	0	2	58	2	36	0	0	43	43	0	18
													miue					
410	0	2	57	1	42	1	11	48	2	59	2	26	0	54	42	5	0	18
																	miue	
420	0	14	55	1	54	1	12	42	3	2	2	5	1	6	40	18	0	6
430	0	27	2	1	36	1	13	12	3	3	1	42	1	42	38	21	0	6
440	0	39	14	1	18	1	13	18	3	3	1	17	2	24	36	15	0	12
450	0	51	27	0	54	1	13	42	3	4	0	46	2	24	34	4	0	12
460	1	3	44	0	48	1	13	30	3	4	0	13	2	0	31	46	0	24
											meri.		adde					
470	1	15	59	0	24	1	13	36	3	4	0	14	0	36	29	26	0	30
480	1	28	15	0	12	1	13	24	3	4	0	35	1	18	27	1	0	36
490	1	40	20	0	0	1	13	42	3	4	0	53	0	54	24	34	0	42
				miue														
500	1	52	46	0	24	1	13	30	3	4	1	4	0	36	22	1	0	42
510	2	5	0	0	36	1	13	18	3	3	1	9	0	12	19	27	0	48
													miue					
520	2	17	14	0	54	1	13	24	3	3	1	8	0	6	16	51	0	48
530	2	29	28	1	6	1	13	12	3	3	0	0	2	30	14	13	0	48
540	2	41	38	1	6	1	13	12	3	3	0	51	0	48	11	35	0	54
550	2	53	50	1	12	1	13	12	3	3	0	37	1	6	8	54	0	54
560	3	6	2	1	12	1	13	6	3	3	0	17	1	0	6	13	0	54
											sept.		adde					
570	3	18	13	1	24	1	13	18	3	3	0	0	1	6	3	32	0	48
580	3	30	26	1	12	1	13	24	3	3	0	19	0	54	0	50	0	54
583	3	34	6	1	18				3	3	0	24	1	0	0	1	0	42

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	Locus			Eq̃tio		ad vi.			ad ho		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m	m̃	2
es	Directus			adde		adde			adde		sept.		minue		⊙		minue	
0	5	59	46	1	24	1	16	12	3	10	0	20	1	0	0	10	1	0
10	0	12	28	1	24	1	16	12	3	10	0	2	1	0	2	34	1	0
											m eri.		adde					
20	0	25	10	1	18	1	16	0	3	10	0	16	1	0	5	4	0	54
30	0	37	50	1	6	1	15	54	3	10	0	33	0	54	7	31	1	0
40	0	50	29	1	0	1	15	42	3	9	0	50	0	30	9	57	0	54
50	1	3	6	0	54	1	15	12	3	8	1	1	0	12	12	24	0	42
60	1	15	38	0	36	1	15	0	3	7	1	6	0	0	14	49	0	42
													minue					
70	1	28	8	0	18	1	14	30	3	6	1	7	0	18	17	14	0	42
80	1	40	33	0	6	1	14	0	3	5	1	2	0	36	19	38	0	24
				minue														
90	1	52	53	0	12	1	13	42	3	4	0	52	1	6	22	2	0	18
100	2	5	10	0	24	1	13	18	3	3	0	36	1	48	24	26	0	6
110	2	17	23	1	3	1	12	6	3	0	0	11	1	30	26	50	0	30
											sept.		adde					
120	2	29	24	1	3	1	11	42	2	59	0	13	1	54	29	5	0	6
																	adde	
130	2	41	21	1	12	1	11	0	2	57	0	42	1	54	31	20	0	6
140	2	53	11	1	18	1	10	24	2	56	1	13	1	0	33	32	0	18
150	3	4	55	1	30	1	9	36	2	54	1	35	1	24	35	40	0	12
160	3	16	31	1	48	1	8	24	2	51	2	1	0	48	37	41	0	12
170	3	27	55	1	42	1	7	12	2	48	2	18	0	36	39	33	0	24
													minue					
180	3	39	7	1	42	1	5	48	2	44	2	23	0	30	41	15	0	30
190	3	50	5	1	42	1	5	0	2	42	2	36	0	54	42	44	0	24
195	3	55	30	1	36	1	3	36	2	39	2	33	1	12	43	22	0	36
200	4	0	48	1	30	1	1	48	2	35	2	29	2	0	43	55	0	36
205	4	5	57	1	36	1	0	48	2	32	2	21	2	6	44	20	0	30
210	4	11	1	1	36	0	59	48	2	29	2	11	2	30	44	38	0	30
215	4	16	0	1	24	0	57	24	2	23	1	55	2	54	44	52	0	36
220	4	20	47	1	18	0	55	36	2	19	1	34	3	18	44	53	0	36
225	4	25	25	1	18	0	53	0	2	12	1	12	3	18	44	46	0	24
230	4	29	50	1	12	0	49	24	2	3	0	50	3	36	44	23	0	30
235	4	33	57	1	12	0	45	36	1	54	0	18	3	54	43	42	0	30

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	Locus			Eq̄tio		ad di.			ad ho.		Lat.		Eq̄uo		Eloga.		Equo	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		meri.		adde		☉		adde	
240	4	37	45	0	54	0	41	24	1	43	0	16	4	6	42	24	0	36
245	4	41	12	0	12	0	36	12	1	30	0	58	4	36	41	22	1	6
250	4	44	13	0	24	0	29	12	1	13	1	36	4	30	39	34	0	42
255	4	46	30	0	6	0	21	12	0	53	2	19	4	24	37	11	0	48
				adde														
260	4	48	25	0	6	0	13	24	0	31	3	5	3	48	34	6	0	54
265	4	48	27	0	18	0	1	20	0	3	3	51	3	12	30	16	0	54
	retrograd'					minue			minue									
268	4	49	31	0	30	0	1	0	0	2	4	22	3	12	27	25	0	54
270	4	49	29	0	24	0	10	36	0	26	4	46	1	42	25	27	0	48
275	4	48	26	0	24	0	22	11	0	55	2	33	1	48	19	40	0	42
280	4	46	45	0	36	0	30	12	1	16	6	18	0	12	12	55	0	42
285	4	44	14	0	48	0	36	36	1	32	6	58	0	6	5	29	0	42
													minue					
288	4	42	24	1	6	0	36	36	1	32	7	22	0	12	0	42	0	48
																	minue	
290	4	41	11	1	12	0	33	48	1	24	7	8	1	36	2	29	0	48
295	4	38	22	1	3	0	26	48	1	7	6	30	2	42	10	15	0	36
300	4	36	8	1	3	0	18	12	0	45	5	36	2	54	17	28	0	18
305	4	34	37	1	24	0	8	20	0	21	4	50	3	42	23	56	0	24
	Direct'					adde			adde									
309	4	34	13	1	24	0	1	0	0	3	4	16	4	36	28	32	0	6
310	4	34	14	1	18	0	6	0	0	15	3	59	4	18	29	20	0	0
315	4	34	44	1	18	0	17	36	0	44	3	12	4	18	33	50	0	0
																	adde	
320	4	36	12	1	24	0	26	24	1	6	2	23	4	30	37	23	0	6
325	4	38	24	1	36	0	34	12	1	25	1	43	4	24	40	14	0	6
																	minue	
330	4	41	15	1	54	0	40	24	1	41	0	57	4	30	42	27	0	6
325	4	44	37	1	54	0	46	48	1	57	0	21	4	42	44	9	0	0
											sept.		adde					
340	4	48	31	2	3	0	50	48	2	7	0	19	4	18	45	19	0	6
																	adde	
345	4	52	45	2	3	0	54	0	2	15	0	51	3	36	46	11	0	6
350	4	57	15	2	3	0	57	12	2	23	1	22	3	18	46	47	0	6

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		adde		☉		adde	
255	5	2	1	2	3	1	0	12	2	31	1	44	3	0	47	7	0	6
360	5	7	2	2	3	1	1	48	2	35	2	5	2	30	47	13	0	18
365	5	12	11	2	3	1	3	36	2	39	2	19	2	6	47	11	0	18
370	2	17	29	2	12	1	5	24	2	43	2	31	1	12	46	59	0	12
375	5	22	56	2	18	1	6	24	2	46	2	39	1	12	46	40	0	6
380	5	28	28	2	6	1	7	12	2	48	2	44	0	42	46	16	0	12
385	5	34	4	2	6	1	8	48	2	52	2	46	0	12	45	46	0	12
390	5	39	48	2	6	1	9	48	2	55	2	45	0	18	45	10	0	6
													minue					
400	5	51	26	2	0	1	10	48	2	57	2	36	0	36	43	46	0	0
410	0	3	14	1	42	1	12	0	3	0	2	17	1	12	42	8	0	6
420	0	15	14	1	36	1	12	24	3	1	1	54	1	36	40	17	0	6
																	minue	
430	0	27	18	1	18	1	12	54	3	2	1	25	2	6	38	20	0	12
440	0	39	27	1	0	1	12	54	3	3	0	53	2	6	36	13	0	18
450	0	51	36	0	54	1	13	36	3	4	0	22	2	0	34	2	0	30
											meri.		adde					
460	1	3	52	0	24	1	13	6	3	3	0	7	1	42	31	42	0	30
470	1	16	3	0	12	1	13	24	3	3	0	30	1	24	29	21	0	36
				minue														
480	1	28	17	0	6	1	13	12	3	3	0	48	1	12	26	55	0	36
490	1	40	29	0	18	1	13	18	3	3	1	2	0	48	24	27	0	48
500	1	52	42	0	42	1	13	18	3	3	1	10	0	12	21	54	0	48
510	2	4	55	0	54	1	13	0	3	3	1	11	0	6	19	19	0	48
													minue					
520	2	17	5	1	0	1	13	12	3	3	1	7	0	30	16	43	0	48
530	2	5	10	0	24	1	13	18	3	3	0	36	1	48	24	26	0	48
540	2	41	27	1	12	1	13	6	3	3	0	43	0	54	11	26	0	54
550	2	53	38	1	12	1	13	12	3	3	0	26	1	0	8	25	0	54
560	3	5	50	1	24	1	13	54	3	3	0	7	1	6	6	4	0	48
											ſept.		adde					
570	3	17	59	1	12	1	13	30	3	3	0	11	1	6	3	24	0	54
580	3	30	14	1	18	1	13	12	3	3	0	28	1	18	0	41	0	42
																	adde	
583	3	33	54	1	12				3	3	0	34	1	0	0	8	0	42

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3 0

	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct.			adde		adde			adde		sept.		mĩue		⊙		adde	
0	0	0	0	1	24	1	16	12	3	10	0	10	1	0	0	0	1	0
											meri.		adde				mĩue	
10	0	12	42	1	18	1	16	6	3	10	0	8	1	6	2	27	0	54
20	0	25	23	1	12	1	15	48	3	10	0	26	1	0	4	55	0	54
30	0	38	1	1	6	1	15	48	3	9	0	42	0	48	7	21	0	48
40	0	50	39	0	54	1	15	36	3	9	0	55	0	24	9	48	0	42
50	1	3	15	0	30	1	14	54	3	7	1	3	0	0	12	17	0	48
													mĩue					
60	1	15	44	0	24	1	14	42	3	7	1	6	0	12	14	42	0	36
70	1	28	11	0	6	1	14	18	3	6	1	4	0	30	17	7	0	24
				mĩue														
80	1	40	34	0	12	1	13	42	3	4	0	56	1	0	19	34	0	18
90	1	52	51	0	30	1	13	30	3	4	0	41	1	30	21	59	0	12
100	2	5	6	0	48	1	12	36	3	2	0	18	1	30	24	21	0	12
											sept.		adde					
110	2	17	12	0	54	1	12	12	3	1	0	4	2	0	26	45	0	0
																	adde	
120	2	29	14	1	12	1	11	30	2	59	0	32	1	54	29	4	0	6
130	2	41	9	1	30	1	10	54	2	57	1	1	1	24	31	21	0	6
140	2	52	58	1	18	1	10	12	2	55	1	23	1	30	33	35	0	24
150	3	4	40	1	42	1	9	18	2	53	1	49	1	12	45	42	0	18
160	3	16	13	1	39	1	8	30	2	51	2	9	0	42	37	43	0	30
													mĩue					
170	3	27	38	1	39	1	7	12	2	48	2	24	0	6	39	37	0	30
180	3	38	50	1	30	1	5	48	2	45	2	28	0	30	41	20	0	36
190	3	49	48	1	27	1	5	12	2	43	2	27	1	30	42	48	0	42
195	3	55	14	1	27	1	3	36	2	39	2	21	1	48	43	28	0	36
200	4	0	33	1	27	1	1	36	2	34	2	9	1	48	44	1	0	36
205	4	5	41	1	18	1	0	48	2	32	2	0	2	12	44	25	0	42
210	4	10	45	1	12	1	0	12	2	30	1	46	3	0	44	43	0	42
215	4	15	46	1	6	0	57	36	2	24	1	26	3	30	44	58	0	36
220	4	20	34	0	54	0	55	36	2	19	1	1	3	0	44	59	0	42
225	4	25	12	0	54	0	53	12	2	13	0	39	3	6	44	50	0	42
230	4	29	38	0	12	0	49	24	2	4	0	14	3	30	44	28	0	48

Reſiduū ♀

3 0

	Locus			Eq̄tio		ad Di.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		mert.		adde		☉		adde	
235	4	33	45	0	12	0	46	12	1	55	0	21	4	12	43	47	1	6
240	4	37	36	0	0	0	42	48	1	47	0	57	4	30	42	50	1	6
245	4	41	10	0	0	0	35	48	1	30	1	44	3	30	41	33	0	54
				adde														
250	4	44	9	0	3	0	29	48	1	14	2	21	3	48	39	41	1	18
255	4	46	38	0	42	0	21	36	0	54	3	3	3	18	37	19	1	18
260	4	48	26	0	42	0	12	48	0	32	3	43	3	6	34	15	1	6
265	4	49	30	1	6	0	4	0	0	16	4	23	3	12	30	25	1	24
	retrog̃d⁹					minue			minue									
267	4	49	38	1	6	0	1	40	0	4	4	50	1	42	28	36	1	18
270	4	49	33	1	24	0	10	36	0	27	5	3	2	18	25	35	1	30
275	4	48	40	1	42	0	1	48	0	55	5	51	0	54	19	47	1	36
													minue					
280	4	46	51	2	24	0	29	48	1	15	6	25	0	48	13	2	2	0
285	4	44	22	2	12	0	35	48	1	30	6	59	2	0	5	36	1	42
																	minue	
290	4	41	23	2	24	0	34	0	1	25	6	52	2	30	2	21	1	12
295	4	38	33	2	42	0	27	0	1	7	6	3	3	18	10	9	1	42
300	4	36	18	2	36	0	17	24	0	43	5	7	4	6	17	25	1	30
305	4	34	51	2	33	0	6	45	0	17	4	13	4	24	23	52	1	12
	directus					adde			adde									
309	4	34	24	2	33	0	1	0	0	3	3	30	4	36	28	21	1	12
310	4	34	27	2	33	0	6	0	0	15	3	16	4	42	29	20	1	6
315	4	34	57	2	33	0	17	48	0	45	2	29	4	42	33	50	0	48
320	4	36	26	2	33	0	26	48	1	7	1	38	4	54	37	24	0	48
325	4	38	40	2	30	0	34	48	1	27	0	59	4	30	40	15	0	36
330	4	41	34	2	27	0	40	24	1	45	0	12	4	18	42	26	0	24
											ſept.		adde					
335	4	44	56	2	27	0	47	12	1	58	0	26	4	6	44	9	0	24
340	4	48	52	2	15	0	50	36	2	7	1	2	3	54	45	18	0	0
345	4	53	5	2	15	0	54	12	2	16	1	27	3	54	46	12	0	6
350	4	57	36	2	18	0	57	12	2	23	1	55	3	6	46	48	0	0
355	5	2	22	2	24	1	0	0	2	30	2	14	2	30	47	8	0	0
360	5	7	22	2	30	1	1	48	2	35	2	30	2	0	47	16	0	6

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		sept.		adde		☉		miue	
365	5	12	31	2	30	1	4	0	2	40	2	40	1	30	47	4	0	6
370	5	17	51	2	18	1	5	36	2	44	2	48	1	0	47	1	0	0
																	adde	
375	5	23	19	2	9	1	6	0	2	45	2	51	0	36	46	41	0	6
380	5	28	49	2	9	1	7	12	2	48	2	51	0	36	46	18	0	0
385	5	34	25	2	6	1	8	48	2	52	2	48	0	24	45	48	0	0
													miue					
390	5	40	9	2	0	1	9	42	2	54	2	48	0	24	45	11	0	0
																	miue	
400	5	51	46	1	48	1	10	30	2	56	2	30	1	0	43	46	0	6
410	0	3	31	1	48	1	11	54	3	0	2	5	1	24	42	9	0	18
420	0	15	30	1	24	1	12	6	3	0	1	38	2	12	40	16	0	18
430	0	27	31	1	12	1	12	36	3	1	1	4	2	12	38	18	0	30
440	0	34	37	0	54	1	12	48	3	2	0	32	2	6	36	10	0	30
450	0	51	45	0	30	1	13	6	3	3	0	2	1	48	33	57	0	36
											meri.		adde					
460	1	3	56	0	0	1	12	54	3	2	0	24	1	30	31	37	0	24
				mine														
470	1	16	5	0	6	1	13	6	3	2	0	44	1	18	29	15	0	36
480	1	28	15	0	24	1	13	0	3	2	1	0	1	0	26	49	0	42
490	1	40	26	0	45	1	12	54	3	2	1	10	0	30	24	19	0	42
500	1	52	35	0	45	1	13	6	3	2	1	12	0	12	21	46	0	54
													miue					
510	2	4	46	1	0	1	12	54	3	2	1	12	0	18	19	11	0	48
520	2	16	55	1	15	1	12	54	3	2	1	2	0	30	16	35	0	48
530	2	29	4	1	9	1	13	6	3	3	0	51	0	54	13	57	1	0
540	2	41	15	1	12	1	13	6	3	3	0	34	0	54	11	17	0	54
550	2	53	26	1	18	1	13	0	3	3	0	16	1	6	8	36	0	54
											sept.		adde					
560	3	5	36	1	14	1	13	6	3	3	0	4	0	54	5	56	0	54
570	3	17	47	1	12	1	13	24	3	3	0	22	1	6	3	15	0	48
580	3	30	1	1	0	1	13	36	3	4	0	41	0	30	0	34	0	42
																	adde	
583	3	33	42	1	0				3	4	0	44	0	36	0	15	0	42

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̄	m̄	2	g̃	m̄	2	m̄	2	g̃	m̄	m̄	2	g̃	m̄	m̄	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	0	14	1	12	1	16	6	3	10	0	0	1	12	0	10	1	0
																	mīue	
10	0	12	55	1	12	1	16	0	3	10	0	19	0	54	2	18	0	54
20	0	25	35	1	0	1	15	42	3	9	0	36	0	54	4	46	0	54
30	0	38	12	0	54	1	15	36	3	9	0	59	0	30	7	13	0	48
40	0	50	48	0	36	1	15	12	3	8	0	59	0	18	9	41	0	42
													mīue					
50	1	3	20	0	24	1	14	48	3	7	1	3	0	6	12	9	0	36
60	1	15	48	0	6	1	14	24	3	6	1	4	0	18	14	36	0	24
				mīue														
70	1	28	12	0	6	1	14	0	3	5	0	59	0	48	17	3	0	12
80	1	40	32	0	30	1	13	24	3	4	0	46	1	24	19	31	0	12
90	1	52	46	0	42	1	13	12	3	3	0	26	1	30	21	57	0	6
																	adde	
100	2	4	58	0	48	1	12	30	3	1	0	3	1	42	24	23	0	6
											sept.		adde					
110	2	17	3	1	12	1	11	54	3	0	0	24	1	48	26	45	0	6
120	2	29	2	1	24	1	11	12	2	58	0	51	1	24	29	5	0	18
130	2	40	54	1	12	1	11	6	2	58	1	15	1	18	31	22	0	30
140	2	52	45	1	36	1	9	48	2	55	1	38	1	24	33	39	0	24
150	3	4	23	1	30	1	9	24	2	53	2	1	0	36	35	45	0	36
160	3	15	57	1	42	1	8	24	2	51	2	16	0	6	37	48	0	36
													mīue					
170	3	27	21	1	30	1	7	24	2	48	2	23	0	24	39	42	0	36
180	3	38	35	1	30	1	5	54	2	45	2	25	1	24	41	26	0	36
190	3	49	34	1	30	1	5	0	2	42	2	12	1	36	42	55	0	36
195	3	54	59	1	12	1	3	48	2	39	2	3	2	0	43	34	0	48
200	4	0	18	1	12	1	2	0	2	35	1	51	2	36	44	7	0	42
205	4	5	28	1	6	1	1	0	2	32	1	38	3	18	44	32	0	36
210	4	10	33	0	51	1	0	24	2	31	1	16	2	36	44	50	0	48
215	4	15	35	0	51	0	58	0	2	25	0	51	2	24	45	4	0	42
220	4	20	25	0	30	0	55	36	2	19	0	31	3	0	45	6	1	0
225	4	25	3	0	6	0	53	36	2	14	0	8	4	12	44	57	1	12

Residuū ♀

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	Locus			Eq̄tio		ad vi.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			adde		adde			adde		meri.		adde		⊙		adde	
230	4	29	31	0	6	0	50	24	2	6	0	21	4	42	44	36	1	12
235	4	33	43	0	18	0	46	36	1	56	1	3	3	42	43	58	1	12
240	4	37	36	0	42	0	42	48	1	47	1	42	3	24	43	1	1	24
245	4	41	10	0	48	0	36	48	1	32	2	19	3	30	41	42	1	24
250	4	44	14	1	0	0	30	12	1	15	2	59	3	6	39	54	1	24
255	4	46	45	1	18	0	21	36	0	54	3	36	2	42	37	32	1	36
260	4	48	33	1	48	0	13	36	0	24	4	14	2	6	34	26	1	54
365	4	49	41	2	0	0	4	0	0	10	4	55	1	36	30	39	1	54
	retrog̃d⁹					miue			miue									
267	4	49	49	2	42	0	0	40	0	2	5	7	0	42	28	49	1	54
270	4	49	47	2	48	0	10	0	0	25	5	26	0	12	25	50	2	24
													miue					
275	4	48	57	3	0	0	20	24	0	51	6	0	1	0	20	3	2	30
280	4	47	15	3	18	0	30	12	1	16	6	17	1	24	13	22	2	36
285	4	44	44	4	0	0	35	24	1	28	6	39	2	42	5	53	3	0
																	miue	
290	4	41	47	4	0	0	33	24	1	23	6	27	4	0	2	4	2	54
295	4	39	0	4	0	0	27	12	1	8	5	30	4	36	9	52	2	42
300	4	36	44	4	0	0	17	36	0	46	4	26	3	54	17	10	2	30
305	4	35	16	3	36	0	6	30	0	16	3	29	3	36	23	40	2	0
	Directus					adde			adde									
309	4	34	52	3	36	0	1	0	0	3	2	44	5	24	28	9	1	54
310	4	34	51	3	33	0	6	12	0	16	2	29	4	24	29	9	1	48
315	4	35	22	3	33	0	18	0	0	45	1	42	4	42	33	42	1	42
320	4	36	52	3	12	0	26	36	1	7	0	49	4	36	37	16	1	12
325	4	39	5	3	12	0	34	36	1	27	0	14	4	42	40	9	1	6
											sept.		adde					
330	4	41	58	3	12	0	40	36	1	42	0	31	5	6	42	22	1	0
335	4	45	21	3	6	0	46	36	1	57	1	7	4	30	44	5	0	48
340	4	49	14	2	48	0	50	48	2	7	1	41	3	36	45	18	0	30
345	4	53	28	2	48	0	54	12	2	16	2	6	2	54	46	11	0	24
350	4	57	59	2	54	0	57	24	2	24	2	26	2	24	46	48	0	30
355	5	2	46	2	42	1	0	12	2	31	2	39	2	0	47	8	0	18
360	5	7	47	2	30	1	1	48	2	35	2	50	1	36	47	15	0	12

Residuū ♀

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	Locus			Eqtio		ad Di.			ad ho		Lati:		Eqtio		Elóga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		sept.		adde		⊙		minue	
365	5	12	56	2	30	1	3	36	2	39	2	55	1	12	47	13	0	12
370	5	18	14	2	24	1	5	12	2	43	2	58	0	48	47	1	0	12
375	5	23	40	2	24	1	6	12	2	46	2	57	0	36	46	42	0	18
													minue					
380	5	29	11	2	18	1	7	0	2	48	2	57	0	42	46	18	0	18
385	5	34	46	2	6	1	8	36	2	52	2	52	1	0	45	48	0	12
390	5	40	29	2	0	1	9	30	2	54	2	41	0	48	45	11	0	12
400	5	52	4	1	54	1	10	30	2	56	2	20	1	36	43	45	0	24
410	0	3	49	1	36	1	11	30	2	59	1	51	2	12	42	6	0	30
420	0	15	44	1	18	1	11	54	3	0	1	16	2	18	40	13	0	36
430	0	27	43	0	54	1	12	18	3	1	0	42	2	12	38	13	0	30
440	0	39	46	0	30	1	12	24	3	1	0	11	2	0	36	5	0	36
											meri.		adde					
450	0	51	50	0	12	1	12	36	3	2	0	16	1	42	33	51	0	36
460	1	3	56	0	12	1	12	48	3	2	0	36	1	30	31	33	0	54
				minue														
470	1	16	4	0	12	1	12	48	3	2	0	57	1	12	29	9	0	54
480	1	28	12	0	36	1	12	36	3	2	1	10	0	30	26	42	0	54
490	1	40	18	0	36	1	13	0	3	2	1	15	0	12	24	12	1	0
													minue					
500	1	52	28	1	6	1	12	48	3	2	1	14	0	6	21	37	0	48
510	2	4	36	1	18	1	12	36	3	2	1	9	0	30	19	3	0	48
520	2	16	42	1	6	1	13	6	3	3	0	57	0	42	16	27	1	0
530	2	28	53	1	12	1	13	0	3	3	0	42	0	54	13	47	0	54
540	2	41	3	1	24	1	13	0	3	3	0	25	1	6	11	8	0	54
550	2	53	13	1	12	1	13	6	3	3	0	5	1	0	8	27	0	54
											sept.		adde					
560	3	5	24	1	12	1	13	6	3	3	0	13	1	12	5	47	0	48
570	3	17	35	1	0	1	13	36	3	4	0	33	0	36	3	7	0	42
580	3	29	51	1	0	1	13	36	3	4	0	46	0	36	0	27	0	42
																	adde	
583	3	33	32	0	54				3	4	0	50	0	30	0	22	0	42

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3 20

	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	0	26	1	12	1	16	6	3	10	0	12	1	6	0	20	0	54
																	mine	
10	0	13	7	1	6	1	15	48	3	10	0	28	0	54	2	9	0	48
20	0	25	45	1	0	1	15	36	3	9	0	45	0	30	4	37	0	42
30	0	38	31	0	42	1	15	18	3	8	0	55	0	18	7	5	0	36
40	0	50	54	0	30	1	15	0	3	7	1	2	0	6	9	34	0	30
50	1	3	24	0	12	1	14	30	3	6	1	2	0	0	12	3	0	18
				mine									mine					
60	1	15	49	0	12	1	14	12	3	5	1	1	0	42	14	32	0	18
70	1	28	11	0	24	1	13	36	3	4	0	51	1	18	17	1	0	6
80	1	40	27	0	36	1	13	12	3	3	0	32	1	18	19	29	0	0
																	adde	
90	1	52	39	0	48	1	13	6	3	3	0	11	1	48	21	56	0	6
											sept.		adde					
100	2	4	50	1	12	1	12	6	3	0	0	14	1	42	24	24	0	6
110	2	16	51	1	12	1	11	42	2	59	0	42	1	12	26	46	0	30
120	2	28	48	1	12	1	11	24	2	58	1	5	1	24	29	8	0	30
130	2	40	42	1	30	1	10	42	2	57	1	28	1	18	31	27	0	30
140	2	52	29	1	30	1	9	54	2	55	1	52	0	48	33	43	0	36
150	3	4	8	1	36	1	9	12	2	53	2	7	0	12	35	51	0	36
													mine					
160	3	15	40	1	24	1	8	36	2	51	2	17	0	18	37	54	0	36
170	3	27	6	1	18	1	7	24	2	49	2	19	1	12	39	48	0	48
180	3	38	20	1	18	1	5	54	2	45	2	9	1	18	41	32	0	48
190	3	49	19	0	54	1	5	36	2	44	1	56	2	24	43	1	0	54
195	3	54	47	1	0	1	3	48	2	40	1	43	3	6	43	42	0	42
200	4	0	6	0	45	1	2	12	2	36	1	25	2	24	44	14	0	54
205	4	5	17	0	45	1	1	36	2	34	1	5	2	6	44	38	0	48
210	4	10	25	0	30	1	0	12	2	30	0	50	2	48	44	58	1	0
215	4	15	26	0	3	0	58	48	2	27	0	27	3	30	45	11	1	18
220	4	20	20	0	3	0	56	24	2	21	0	1	4	12	45	16	1	0
				adde							meri.		adde					
225	4	25	2	0	18	0	54	0	2	15	0	34	3	30	45	9	1	12
230	4	29	32	0	48	0	50	48	2	7	1	3	3	36	44	48	1	30

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			adde		adde			adde		meri.		adde		☉		adde	
235	4	33	46	0	48	0	47	36	1	59	1	40	3	18	44	10	1	24
240	4	37	43	0	54	0	43	0	1	47	2	16	3	12	43	15	1	18
245	4	41	18	1	24	0	37	12	1	33	2	54	2	48	41	56	1	42
250	4	44	24	1	42	0	30	48	1	17	3	30	2	12	40	8	1	48
255	4	46	58	2	0	0	22	36	0	56	4	3	2	0	37	48	1	54
260	4	48	51	2	48	0	14	0	0	35	4	35	0	42	34	45	2	24
													minue					
265	4	50	1	3	0	0	5	0	0	19	5	11	0	42	30	58	2	30
	retrogd⁹					minue			minue									
268	4	50	16	3	6	0	0	30	0	1	5	15	0	18	28	14	2	30
270	4	50	15	3	36	0	9	36	0	24	5	28	1	0	26	14	2	54
275	4	49	27	4	24	0	19	48	0	50	5	50	2	0	20	28	3	24
280	4	47	48	2	42	0	28	24	1	12	6	3	3	12	13	48	3	36
285	4	45	24	5	12	0	35	24	1	29	6	12	4	30	6	23	3	54
290	4	42	27	5	30	0	33	24	1	24	5	47	3	48	1	35	4	0
295	4	39	40	5	36	0	27	12	1	8	4	44	3	48	9	25	3	54
300	4	37	24	4	54	0	18	24	0	46	3	47	5	36	16	45	3	12
305	4	35	52	5	0	0	6	34	0	16	2	53	6	54	23	20	3	6
	Directus					adde			adde									
309	4	35	26	5	12	0	0	0	0	0	1	50	6	30	27	50	2	36
310	4	35	26	4	36	0	6	24	0	16	1	45	6	12	28	51	2	36
315	4	35	58	4	12	0	17	12	0	43	0	55	6	12	33	25	2	6
320	4	37	24	4	6	0	26	36	1	7	0	3	5	48	37	4	1	54
											ſept.		adde					
325	4	39	37	3	54	0	34	36	1	27	0	43	0	48	39	58	1	12
330	4	42	30	3	42	0	40	24	1	41	1	22	4	6	42	12	1	24
335	4	45	52	3	24	0	46	0	1	55	1	52	3	36	43	57	1	0
340	4	49	42	3	21	0	50	44	2	7	2	17	3	0	45	13	0	54
345	4	53	56	3	21	0	54	24	2	16	2	35	2	30	46	7	1	0
350	4	58	28	3	0	0	57	0	2	23	2	50	2	12	46	43	0	42
355	5	3	13	2	42	0	59	48	2	30	0	59	1	36	47	5	0	30
360	5	8	12	2	42	1	1	48	2	35	3	6	1	6	47	13	0	30
365	5	13	21	2	36	1	3	24	2	39	3	7	0	48	47	11	0	30

Residuū ♀

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Di	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
	S	g̃	m̄	m̄	2	g̃	m̄	2	m̄	2	g̃	m̄	m̄	2	g̃	m̄	m̄	2
es	directus			adde		adde			adde		sept.		miue		☉		miue	
370	5	18	38	2	30	1	5	12	2	42	3	6	0	6	46	59	0	30
375	5	24	4	2	18	1	6	0	2	45	3	2	0	36	46	39	0	24
380	5	29	34	2	12	1	6	36	2	47	2	50	0	30	46	15	0	24
385	5	35	7	2	6	1	8	24	2	51	2	42	1	12	45	46	0	30
390	5	40	49	2	0	1	9	24	2	54	2	33	1	24	45	9	0	36
400	5	52	23	1	42	1	10	12	2	56	2	4	2	6	43	41	0	36
410	0	4	5	1	18	1	11	12	2	58	1	29	2	18	42	1	0	36
420	0	15	57	1	0	1	11	30	2	59	0	53	2	6	40	7	0	36
430	0	27	52	0	36	1	11	54	3	0	0	20	2	0	38	8	0	42
											meri.		adde					
440	0	39	51	0	24	1	12	6	3	0	0	9	1	48	35	59	0	48
450	0	51	52	0	6	1	12	36	3	1	0	33	1	36	33	45	0	54
				miue														
460	1	3	58	0	18	1	12	24	3	1	0	54	1	18	31	24	0	48
470	1	16	2	0	42	1	12	48	3	2	1	9	0	42	29	0	0	48
480	1	22	6	0	48	1	12	36	3	2	1	15	0	30	26	33	0	48
490	1	40	12	1	6	1	12	30	3	2	1	17	0	6	24	2	0	48
													miue					
500	1	52	17	1	9	1	12	36	3	2	1	13	0	24	21	29	0	54
510	2	4	23	1	9	1	12	48	3	2	1	4	0	36	18	55	1	0
520	2	16	31	1	12	1	13	0	3	2	0	50	1	0	16	17	0	54
530	2	28	41	1	18	1	12	48	3	2	0	33	1	0	13	38	0	54
540	2	40	49	1	18	1	13	12	3	3	0	14	1	6	10	59	0	48
											sept.		adde					
550	2	53	1	1	18	1	13	0	3	3	0	5	1	12	8	18	0	42
560	3	5	12	1	12	1	13	18	3	3	0	25	1	0	5	39	0	42
570	3	17	25	0	54	1	13	36	3	4	0	39	0	48	3	0	0	42
580	3	29	41	0	42	1	13	48	3	5	0	52	0	42	0	20	0	36
																	adde	
583	3	33	22	0	36				3	5	0	52	0	42	0	29	0	36

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									3		30							
	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m	m̃	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	0	38	1	0	1	16	0	3	10	0	23	1	6	0	29	0	54
																	mīue	
10	0	13	18	0	54	1	15	42	3	9	0	37	0	48	2	1	0	42
20	0	25	55	0	36	1	15	18	3	8	0	50	0	36	4	30	0	42
30	0	38	28	0	24	1	15	6	3	8	0	58	0	12	6	59	0	30
													mīue					
40	0	50	59	0	6	1	14	42	3	7	1	3	0	6	9	29	0	24
				mīue														
50	1	3	26	0	6	1	14	6	3	5	1	2	0	36	12	0	0	12
60	1	15	47	0	18	1	14	0	3	5	0	59	1	6	14	29	0	0
70	1	28	7	0	42	1	13	24	3	4	0	39	1	18	17	0	0	6
																	adde	
80	1	40	21	0	48	1	13	0	3	3	0	19	1	36	19	29	0	6
											sept.		adde					
90	1	52	31	1	0	1	12	42	3	2	0	7	1	30	21	57	0	18
100	2	4	38	1	12	1	12	6	3	0	0	31	1	18	24	25	0	18
110	2	16	39	1	18	1	11	42	2	59	0	54	1	48	26	51	0	24
120	2	28	36	1	24	1	11	6	2	58	1	19	1	18	29	13	0	36
130	2	40	27	1	30	1	10	40	2	57	1	41	1	6	31	32	0	36
140	2	52	14	1	36	1	9	48	2	55	2	0	0	18	33	49	0	36
150	3	3	52	1	18	1	9	24	2	54	2	9	0	0	35	57	0	48
													mīue					
160	3	15	26	1	15	1	8	42	2	52	2	14	0	54	38	0	0	54
170	3	26	53	1	15	1	7	24	2	49	2	7	1	6	39	56	0	48
180	3	38	7	1	0	1	6	18	2	46	1	56	2	6	41	40	0	48
190	3	49	10	0	48	1	5	24	2	44	1	32	2	18	43	10	0	54
195	3	54	37	0	36	1	4	24	2	41	1	12	2	18	43	49	1	0
200	3	59	59	0	30	1	2	0	2	35	1	1	2	36	44	23	1	0
205	4	5	9	0	6	1	2	6	2	36	0	44	3	18	44	46	1	12
				adde														
210	4	10	20	0	6	1	1	12	2	33	0	22	3	36	45	8	1	12
											meri.		adde					
215	4	15	26	0	12	0	58	36	2	27	0	8	3	48	45	14	1	6
220	4	20	19	0	42	0	57	12	2	23	0	41	3	30	45	26	1	24

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	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elonga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
225	4	25	5	0	48	0	55	0	2	17	1	9	3	18	45	21	1	24
230	4	29	40	0	48	0	50	48	2	7	1	39	3	6	45	3	1	12
235	4	33	54	1	24	0	47	36	1	59	2	13	2	42	44	24	1	36
240	4	37	52	1	42	0	44	0	1	50	2	48	2	18	43	28	1	48
245	4	41	32	1	48	0	37	48	1	34	3	22	2	12	42	13	1	42
250	4	44	41	2	30	0	31	24	1	18	3	52	1	24	40	26	2	6
255	4	47	18	2	48	0	24	12	1	0	4	23	0	36	38	7	2	18
260	4	49	19	3	18	0	14	24	0	36	4	42	0	24	35	9	2	36
													mīue					
265	4	50	31	4	24	0	5	30	0	14	5	4	0	30	31	23	3	24
	retrogd°					mīue			mīue									
269	4	50	53	4	0	0	2	0	0	5	5	19	1	36	27	45	3	24
270	4	50	51	4	36	0	8	0	0	20	5	19	1	30	26	43	3	30
275	4	50	11	5	24	0	19	0	0	48	5	30	2	34	21	2	4	6
280	4	48	36	6	18	0	27	48	1	10	5	31	3	48	14	24	4	48
285	4	46	16	6	30	0	34	48	1	27	5	27	5	12	7	2	4	48
																	mīue	
290	4	43	22	6	46	0	33	12	1	21	5	9	5	54	0	51	5	0
295	4	40	36	6	24	0	28	36	1	11	4	6	7	18	8	46	4	30
300	4	38	13	6	12	0	18	12	0	45	2	51	6	48	16	13	4	12
305	4	36	42	6	0	0	6	0	0	15	1	44	6	12	22	49	3	54
	Direct°					adde			adde									
310	4	36	12	5	36	0	5	36	0	14	0	43	5	54	28	25	3	24
											sept.		adde					
315	4	36	40	5	36	0	17	0	0	43	0	7	5	24	33	4	2	48
320	4	38	5	4	36	0	26	12	1	6	0	55	4	12	36	45	2	18
325	4	40	16	4	18	0	34	12	1	26	1	31	4	0	39	41	1	34
330	4	43	7	3	42	0	39	36	1	36	2	3	3	36	41	58	1	18
335	4	46	26	3	42	0	45	48	1	55	2	28	3	24	43	47	1	24
340	4	50	15	3	24	0	51	0	2	8	2	47	2	54	45	4	1	6
345	4	54	30	3	0	0	53	36	2	14	3	0	2	12	45	57	0	48
350	4	58	58	3	0	0	56	24	2	21	3	12	1	24	46	36	0	48
355	5	3	40	3	0	0	59	48	2	30	3	15	1	18	47	0	0	54
360	5	8	39	2	42	1	1	36	2	34	3	17	0	30	47	8	0	42

Reſiduũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			adde		adde			adde		ſept.		miñue		☉		miñue	
365	5	13	47	2	30	1	3	12	2	38	3	15	0	18	47	6	0	36
370	5	19	3	2	24	1	4	24	2	41	3	5	0	18	46	54	0	36
375	5	24	27	2	18	1	5	48	2	45	2	56	0	42	46	35	0	36
380	5	29	56	2	18	1	6	24	2	46	2	45	1	0	46	11	0	48
385	5	35	28	2	0	1	8	12	2	51	2	30	1	12	45	41	0	42
390	5	41	9	1	42	1	9	6	2	53	2	19	1	54	45	3	0	36
400	5	52	40	1	24	1	9	48	2	55	1	43	2	6	43	35	0	48
410	0	4	18	1	6	1	10	54	2	57	1	6	2	12	41	55	0	48
420	0	16	7	0	36	1	11	11	2	58	0	32	2	12	40	1	0	48
											meri.		adde					
430	0	27	58	0	18	1	11	42	2	59	0	0	1	54	38	1	0	48
440	0	39	55	0	0	1	11	48	3	0	0	27	1	48	35	51	0	42
				miñue														
450	0	51	53	0	18	1	12	12	3	0	0	49	1	36	33	36	0	42
460	1	3	55	0	30	1	12	0	3	0	1	7	0	54	31	16	1	0
470	1	15	55	0	48	0	12	18	3	1	1	6	0	30	28	52	0	54
480	1	27	58	0	54	1	12	18	3	1	1	20	0	12	26	25	1	0
													miñue					
490	1	40	1	1	12	1	12	24	3	1	1	18	0	12	23	54	0	54
500	1	52	5	1	12	1	12	42	3	2	1	9	0	24	21	20	0	54
510	2	4	12	1	18	1	12	42	3	2	0	58	0	48	18	45	0	48
520	2	16	19	1	18	1	12	54	3	2	0	40	1	0	16	8	0	54
530	2	28	28	1	24	1	12	48	3	2	0	23	1	18	13	29	0	42
540	2	40	36	2	12	1	13	12	3	3	0	3	1	12	10	51	0	48
											ſept.		adde					
550	2	52	48	1	30	1	13	12	3	3	0	17	0	54	8	11	0	42
560	3	5	0	0	48	1	13	36	3	4	0	35	0	36	5	32	0	36
570	3	17	16	0	48	1	13	48	3	5	0	47	0	48	2	53	0	30
580	3	29	34	0	30	1	13	48	3	5	0	59	0	18	0	14	0	24
															♀		adde	
583	3	32	16	0	24				3	5	1	1	0	12	0	36	0	18

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	0	48	1	0	1	15	54	3	10	0	34	0	36	0	38	0	36
															♀		minue	
10	0	13	27	0	42	1	15	24	3	9	0	45	0	42	1	54	0	36
20	0	26	1	0	30	1	15	6	3	8	0	56	0	18	4	23	0	24
30	0	38	32	0	12	1	14	48	3	7	1	0	0	12	6	54	0	18
				minue									minue					
40	0	51	0	0	6	1	14	30	3	6	1	2	0	24	9	25	0	12
50	1	3	25	0	24	1	13	54	3	5	0	56	0	54	11	58	0	6
60	1	15	44	0	36	1	13	36	3	4	0	43	1	12	14	29	0	0
																	adde	
70	1	28	0	0	42	1	13	18	3	3	0	26	1	30	16	59	0	12
80	1	40	13	1	0	1	12	48	3	2	0	3	1	42	19	30	0	18
											sept.		adde					
90	1	52	21	1	12	1	12	30	3	1	0	22	1	18	22	0	0	24
100	2	4	26	1	12	1	12	0	3	0	0	44	1	48	24	29	0	30
110	2	16	26	1	30	1	11	36	2	59	1	12	1	0	26	55	0	30
120	2	28	22	1	30	1	11	0	2	58	1	32	1	0	29	19	0	36
130	2	40	12	1	24	1	10	36	2	57	1	52	0	24	31	38	0	48
140	2	51	58	1	18	1	10	6	2	55	2	3	0	0	33	55	0	48
													minue					
150	3	3	39	1	18	1	9	30	2	54	2	9	0	42	36	5	0	48
160	3	15	14	1	12	1	8	36	2	52	2	5	1	0	38	9	0	54
170	3	26	40	1	6	1	7	42	2	49	1	56	1	48	40	4	0	48
180	3	37	57	0	42	1	6	30	2	46	1	35	2	0	41	48	1	0
190	3	49	2	0	30	1	5	48	2	44	1	9	2	18	43	16	0	54
195	3	54	31	0	18	1	4	36	2	42	0	49	3	36	43	59	1	0
200	3	59	54	0	6	1	2	48	2	37	0	35	3	18	44	33	1	0
				adde														
205	4	5	8	0	6	1	2	36	2	36	0	11	3	12	44	58	1	0
											meri.		adde					
210	4	10	21	0	36	1	0	24	2	31	0	14	3	42	45	20	1	18
215	4	15	28	0	42	0	59	36	2	29	0	46	3	6	45	35	1	18
220	4	20	26	0	48	0	57	24	2	24	1	16	3	0	45	40	1	12
225	4	25	13	1	18	0	55	0	2	18	1	42	2	54	45	32	1	30

Residuū ♀

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	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
230	4	29	48	1	30	0	22	0	2	10	2	10	2	24	45	15	1	36
235	4	34	8	1	54	0	48	12	2	0	2	40	2	18	44	40	1	42
240	4	38	9	2	6	0	44	12	1	50	3	11	1	42	43	46	1	42
245	4	41	50	2	30	0	39	12	1	38	3	44	1	0	42	30	2	0
250	4	45	6	3	6	0	32	0	1	20	4	6	0	48	40	47	2	24
255	4	47	46	3	48	0	25	12	1	3	4	29	0	12	38	30	2	48
													miue					
260	4	49	52	4	6	0	16	36	0	41	4	46	0	30	35	35	3	0
265	4	51	15	4	42	0	4	24	0	11	4	59	1	48	31	57	3	24
	retrog̃d'					miue			miue									
270	4	51	37	5	48	0	6	24	0	16	5	4	2	36	27	18	4	18
375	4	51	5	6	30	0	17	24	0	44	5	6	4	0	21	42	4	48
280	4	49	38	6	48	0	27	24	0	9	4	53	4	36	15	12	5	0
285	4	47	21	7	6	0	34	12	0	26	4	35	6	0	7	50	5	18
																	miue	
290	4	44	30	7	36	0	34	0	0	25	4	10	7	30	0	5	5	36
395	4	41	40	7	30	0	29	0	1	12	2	52	6	48	8	1	5	24
300	4	39	15	7	24	0	18	12	0	45	1	43	6	36	15	31	5	12
305	4	37	42	7	0	0	6	48	0	17	0	42	5	12	22	10	4	42
											sept.		adde					
310	4	37	8	6	12	0	1	0	0	2	0	16	4	48	27	51	3	54
	Directus					adde			adde									
311	4	37	7	6	12	0	5	45	0	14	0	21	5	0	28	53	3	48
315	4	37	30	5	42	0	16	12	0	41	1	1	4	36	31	36	3	18
320	4	38	51	5	12	0	25	36	1	4	1	37	5	0	36	22	2	48
325	4	40	59	4	48	0	33	0	1	23	2	11	4	24	39	22	2	24
330	4	43	44	4	24	0	39	48	1	40	2	39	3	54	41	45	2	6
335	4	47	3	3	48	0	45	12	1	53	3	2	2	42	43	33	1	36
340	4	50	49	3	36	0	50	12	2	6	3	16	2	12	44	53	1	24
345	4	55	0	3	18	0	53	36	2	14	3	22	1	54	45	49	1	12
350	4	59	28	3	12	0	56	24	2	21	3	26	1	0	46	28	1	12
355	5	4	10	2	48	0	59	12	2	28	3	28	0	18	46	51	0	54
360	5	9	6	2	36	1	1	12	2	33	3	22	0	0	47	1	0	54

Residuū ♀

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Di	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Equio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		sept.		minue		☉		minue	
365	5	14	12	2	42	1	3	0	2	38	3	12	0	24	47	0	1	6
370	5	19	27	2	24	1	4	36	2	41	3	2	0	54	46	48	0	54
375	5	24	50	2	24	1	5	48	2	44	2	49	1	30	46	29	1	6
380	5	30	19	2	6	1	5	48	2	45	2	35	2	12	46	3	1	0
385	5	35	48	2	0	1	7	36	2	49	2	18	2	24	45	34	1	0
390	5	41	26	1	30	1	8	48	2	52	2	0	2	18	44	57	0	48
400	5	52	54	1	6	1	9	30	2	54	1	22	2	18	43	28	0	42
410	0	4	29	0	48	1	10	24	2	56	0	44	2	18	41	48	0	54
420	0	16	13	0	30	1	10	48	2	57	0	10	2	6	39	54	0	54
											meri.		adde					
430	0	28	1	0	12	1	11	24	2	58	0	19	2	6	37	54	1	0
				minue														
440	0	39	55	0	12	1	11	30	2	59	0	45	2	36	35	43	0	54
450	0	51	50	0	30	1	12	0	3	0	1	5	1	6	33	28	0	0
460	1	3	50	0	54	1	11	42	2	59	1	16	0	42	31	6	0	48
470	1	15	47	0	54	1	12	12	3	0	1	21	0	30	28	43	0	54
480	1	27	49	1	12	1	12	0	3	0	1	22	0	0	26	15	0	54
													minue					
490	1	39	49	1	18	1	12	24	3	1	1	16	0	30	23	45	0	48
500	1	51	53	1	18	1	12	36	3	1	1	5	0	42	21	11	0	48
510	2	3	59	1	12	1	12	42	3	2	0	50	1	0	18	37	1	0
520	2	16	6	1	24	1	12	48	3	2	0	30	0	54	15	59	0	42
530	2	28	14	1	18	1	13	0	3	2	0	10	1	6	13	22	0	42
											sept.		adde					
540	2	40	24	1	6	1	12	54	3	2	0	9	1	0	10	43	0	30
550	2	52	33	0	36	1	13	54	3	6	0	26	0	48	8	4	0	30
560	3	4	52	0	48	1	13	36	3	5	0	41	0	54	5	26	0	36
570	3	17	8	0	36	1	14	6	3	5	0	55	0	18	2	48	0	18
580	3	29	29	0	18	1	14	24	3	6	1	2	0	12	0	10	0	18
																	adde	
583	3	33	12	0	18				3	6	1	3	0	6	0	38	0	12

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	0	58	0	42	1	15	36	3	9	0	40	1	0	0	44	0	36
															♀		minue	
10	0	13	34	0	24	1	15	12	3	8	0	52	0	38	1	48	0	30
20	0	26	6	0	18	1	14	48	3	7	0	59	0	18	4	19	0	12
													minue					
30	0	38	34	0	6	1	14	30	3	6	1	2	0	18	6	51	0	12
																	adde	
40	0	50	59	0	12	1	14	12	3	5	0	58	0	48	9	23	0	6
50	1	3	21	0	30	1	13	42	3	4	0	47	1	6	11	57	0	6
60	1	15	38	0	42	1	13	30	3	4	0	31	1	18	14	29	0	12
70	1	27	53	1	0	1	13	0	3	3	0	11	1	42	17	1	0	18
											sept.		adde					
80	1	40	3	1	12	1	12	36	3	2	0	14	1	12	19	33	0	30
90	1	52	9	1	12	1	12	30	3	1	0	35	1	42	22	4	0	30
100	2	4	14	1	18	1	11	42	2	59	1	2	1	6	24	34	0	42
110	2	16	11	1	24	1	11	36	2	50	1	22	1	6	27	0	0	42
120	2	28	7	1	24	1	11	6	2	58	1	42	0	30	29	25	0	48
130	2	39	58	1	18	1	10	42	2	57	1	56	0	12	31	46	0	48
													minue					
140	2	51	45	1	12	1	10	6	2	55	2	3	0	30	34	3	0	54
150	3	3	26	1	12	1	9	36	2	54	2	2	0	42	36	13	0	54
160	3	15	2	1	6	1	8	42	2	52	1	55	1	30	38	18	0	48
170	3	26	29	0	36	1	8	6	2	50	1	38	1	48	40	12	1	0
180	3	37	50	0	30	1	6	42	2	47	1	15	2	24	41	58	0	54
190	3	48	57	0	0	1	6	12	2	46	0	46	3	12	43	28	1	6
				minue														
195	3	54	28	0	12	1	5	0	2	43	0	23	3	6	44	9	1	6
200	3	59	53	0	30	1	3	12	2	38	0	2	3	12	44	43	1	12
											meri.		adde					
205	4	5	9	0	42	1	3	36	2	39	0	21	3	24	45	8	1	18
210	4	10	27	0	42	1	1	36	2	34	0	51	2	54	45	23	1	6
215	4	15	35	1	0	0	59	48	2	30	1	17	2	54	45	48	1	12
220	4	20	34	1	18	0	58	24	2	26	1	46	2	24	45	52	1	24
225	4	25	26	1	36	0	55	24	2	19	2	11	2	6	45	50	1	24

Residuū ♀

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct°			miue		adde			adde		meri.		adde		♀		adde	
230	4	30	3	2	0	0	52	48	2	12	2	34	1	54	45	31	1	36
235	4	34	27	2	12	0	48	36	2	1	3	3	1	18	44	57	1	42
240	4	38	30	2	54	0	45	0	1	52	3	28	1	30	44	3	2	6
245	4	42	15	3	24	0	40	24	1	41	3	58	0	36	42	50	2	24
550	4	45	37	3	36	0	33	24	1	23	4	14	0	12	41	11	2	30
255	4	48	24	4	6	0	25	48	1	5	4	31	1	0	38	58	2	48
260	4	50	33	5	6	0	17	48	0	45	4	41	1	42	33	5	3	36
265	4	52	2	5	30	0	6	36	0	17	4	41	2	24	32	31	3	48
	retrog̃d°					miue			miue									
270	4	52	25	5	54	0	5	0	0	13	4	38	3	24	28	1	4	6
275	4	52	10	6	30	0	16	48	0	42	4	26	4	30	22	3	4	36
280	4	50	46	7	12	0	26	36	1	7	4	7	5	48	16	2	5	12
285	4	48	33	7	48	0	33	24	1	24	3	35	6	18	8	43	5	42
290	4	45	46	8	18	0	34	12	1	26	2	55	7	0	0	51	6	6
													miue		☉		miue	
295	4	42	55	7	48	0	29	12	1	13	1	45	6	6	7	7	5	36
300	4	40	29	7	54	0	19	12	0	48	0	37	6	6	14	39	5	36
											sept.		adde					
305	4	38	52	7	30	0	8	12	0	21	0	10	6	36	21	23	5	6
310	4	38	10	6	42	0	1	0	0	3	1	4	5	54	27	12	4	18
	directus					adde			adde									
311	4	38	9	6	42	0	4	30	0	11	1	11	5	54	28	15	4	18
315	4	38	27	6	18	0	15	12	0	38	1	47	5	12	32	3	3	54
320	4	39	43	5	30	0	24	48	1	2	2	27	4	12	35	54	3	12
325	4	41	47	4	48	0	32	12	1	21	2	55	3	30	38	58	2	36
330	4	44	28	4	24	0	38	36	1	37	3	18	2	48	41	29	2	12
335	4	47	41	4	0	0	44	48	1	52	3	29	2	48	43	17	1	54
340	4	51	25	3	48	0	49	36	2	4	3	38	1	36	44	39	1	48
345	4	55	33	3	24	0	53	24	2	13	3	41	0	48	45	39	1	30
350	5	0	0	3	6	0	55	36	2	19	3	34	0	18	46	16	1	24
													miue					
355	5	4	38	3	6	0	58	48	2	27	3	31	0	42	46	47	1	30
360	5	9	32	2	54	1	1	24	2	34	3	22	0	54	46	52	1	24

Residuum ♀

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	Locus			Equatio		ad di.			ad ho		Lati.		Equatio		Elonga.		Equatio	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Directus			adde		adde			adde		sept.		minue		☉		minue	
365	5	14	39	2	36	1	2	24	2	36	3	8	1	12	46	49	1	18
370	5	19	51	2	18	1	4	36	2	41	2	53	1	54	46	39	1	12
375	5	25	14	2	0	1	5	12	2	43	2	34	2	5	46	18	1	6
380	5	30	40	1	48	1	5	36	2	44	2	13	2	6	45	53	1	6
385	5	36	8	1	30	1	6	36	2	46	1	54	2	18	45	24	1	0
390	5	41	41	1	30	1	8	24	2	51	1	37	2	42	44	49	1	6
400	5	53	5	0	54	1	9	12	2	53	0	59	2	18	43	21	1	0
410	0	4	37	0	24	1	10	6	2	55	0	21	2	6	41	39	0	48
											meri.		adde					
420	0	16	18	0	12	1	10	30	2	56	0	11	2	6	39	45	1	0
				minue														
430	0	28	3	0	6	1	11	0	2	58	0	40	1	42	37	44	1	0
440	0	39	53	0	36	1	11	12	2	58	1	1	1	24	35	34	0	54
450	0	51	45	0	42	1	11	36	2	59	1	16	0	54	33	6	0	54
460	1	3	41	1	0	1	11	42	2	59	1	23	0	48	30	50	0	54
470	1	15	38	1	12	1	11	54	3	0	1	26	0	6	28	34	0	54
													minue					
480	1	27	37	1	18	1	11	54	3	0	1	22	0	18	26	6	0	48
490	1	39	36	1	12	1	12	24	3	1	1	11	0	33	23	37	0	54
500	1	51	40	1	18	1	12	42	3	2	0	58	0	54	21	3	0	54
510	2	3	47	1	21	1	12	30	3	2	0	40	1	0	18	27	0	42
520	2	15	52	1	21	1	12	54	3	2	0	21	1	18	15	52	0	42
											sept.		adde					
530	2	28	1	1	0	1	13	12	3	3	0	1	1	0	13	15	0	42
540	2	40	13	1	0	1	13	24	3	4	0	19	1	0	10	37	0	36
550	2	52	27	0	48	1	13	42	3	4	0	34	1	0	7	59	0	30
560	3	4	44	0	36	1	13	48	3	5	4	50	0	24	5	21	0	18
570	3	17	2	0	18	1	14	24	3	6	0	58	0	24	2	45	0	18
													minue					
580	3	29	26	0	12	1	14	24	3	6	1	4	0	3	0	7	0	0
583	3	33	9	0	6				3	6	1	4	0	3	0	40	0	0

Di	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elóga.		Equio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	1	5	0	36	1	15	18	3	8	0	50	0	6	0	50	0	18
																	minue	
10	0	13	38	0	18	1	15	6	3	8	0	57	0	30	1	43	0	12
				minue									minue					
20	0	26	7	0	6	1	14	24	3	6	1	2	0	6	4	17	0	12
30	0	38	33	0	12	1	14	24	3	6	0	56	0	36	6	49	0	6
40	0	50	57	0	30	1	13	54	3	5	0	50	1	0	9	24	0	6
50	1	3	16	0	42	1	13	30	3	4	0	36	1	18	11	58	0	12
60	1	15	31	0	54	1	13	12	3	3	0	18	1	42	14	31	0	24
											sept.		adde					
70	1	27	42	4	6	1	12	48	3	2	0	6	1	6	17	4	0	36
80	1	39	51	1	6	1	12	36	3	1	0	26	1	36	19	38	0	36
90	1	51	57	1	18	1	12	24	3	1	0	52	1	12	22	9	0	42
100	2	4	1	1	21	1	11	36	2	59	1	13	1	6	24	41	0	42
110	2	15	57	1	21	1	11	36	2	59	1	33	0	42	27	7	0	54
120	2	27	53	1	24	1	11	12	2	58	1	47	0	24	29	33	0	42
													minue					
130	2	39	45	1	24	1	10	48	2	57	1	58	0	24	31	54	0	42
140	2	51	23	1	12	1	10	6	2	55	1	58	0	24	34	12	0	54
150	3	3	14	1	0	1	9	42	2	54	1	25	1	48	36	22	0	48
160	3	14	51	0	36	1	9	12	2	53	1	40	1	36	38	26	1	0
170	3	26	23	0	30	1	8	12	2	51	1	20	2	12	40	22	1	0
180	3	37	45	0	0	1	7	12	2	48	0	51	2	42	42	7	1	6
				adde														
190	3	48	57	0	30	1	6	36	2	46	0	41	3	0	43	39	1	12
											meri.		adde					
195	3	54	30	0	36	1	5	36	2	44	0	8	2	54	44	20	1	12
200	3	59	58	0	42	1	3	36	2	39	0	30	2	48	44	55	1	6
205	4	5	16	0	54	1	3	36	2	39	0	55	2	48	45	21	1	6
210	4	10	34	1	6	1	2	12	2	36	1	20	2	24	45	44	1	12
215	4	15	45	1	30	1	0	24	2	31	1	46	2	6	46	0	1	18
220	4	20	47	1	42	0	59	0	2	21	2	10	2	0	46	6	1	18
225	4	25	42	1	54	0	56	12	2	17	2	32	1	42	46	4	1	24
230	4	30	23	2	18	0	53	12	2	13	2	53	1	36	45	47	1	30

Residuū ♀

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		adde		☉		mīue	
235	4	34	49	2	42	0	50	0	2	5	3	16	1	6	45	14	1	42
240	4	38	59	3	6	0	46	0	1	55	3	43	0	0	44	24	2	0
													mīue					
245	4	42	49	3	30	0	40	48	1	42	4	0	0	24	43	14	2	6
250	4	46	13	4	12	0	34	24	1	26	4	12	0	36	41	36	2	36
255	4	49	5	4	42	0	27	48	1	10	4	21	1	36	39	26	3	0
260	4	51	24	5	0	0	18	36	0	46	4	24	2	30	36	41	3	6
265	4	52	57	5	30	0	7	24	0	18	4	17	3	24	33	9	3	36
	retrog̃d⁹					mīue			mīue									
270	4	53	34	6	6	0	3	48	0	10	4	4	4	18	28	42	4	6
275	4	53	15	6	54	0	15	24	0	39	3	41	4	54	23	17	4	48
280	4	51	58	7	48	0	25	24	1	4	3	9	5	36	16	54	5	36
285	4	49	51	8	30	0	32	24	1	21	2	32	7	6	9	40	6	12
290	4	47	9	8	48	0	35	12	1	28	1	45	7	48	1	52	6	36
295	4	44	13	8	54	0	29	0	1	12	0	44	7	42	6	11	6	30
											sept.		adde					
300	4	41	48	8	30	0	20	12	0	51	0	24	6	14	13	43	6	6
305	4	40	7	7	36	0	10	0	0	25	1	16	5	48	20	32	5	18
310	4	39	17	7	0	0	0	30	0	1	2	3	5	6	26	29	4	42
	directus					adde			adde									
312	4	39	16	6	30	0	4	40	0	12	2	19	4	36	28	33	4	12
315	4	39	30	6	0	0	13	36	0	34	2	39	4	18	31	24	3	48
320	4	40	38	5	30	0	23	24	0	59	3	9	3	42	35	22	3	18
325	4	42	35	4	48	0	31	24	1	19	3	30	3	30	38	32	2	42
330	4	45	12	4	30	0	37	48	1	35	3	46	2	42	41	2	2	30
335	4	48	21	4	6	0	44	24	1	51	3	57	1	18	42	58	2	12
340	4	52	3	3	36	0	48	48	2	2	3	54	1	0	44	21	1	54
													mīue					
345	4	56	7	3	24	0	52	48	2	12	3	49	0	0	45	22	1	48
350	5	0	31	3	12	0	55	36	2	19	3	39	1	24	46	2	1	42
355	5	5	9	2	41	0	58	24	2	26	3	24	1	42	46	27	1	24

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Direct⁹			adde		adde			adde		sept.		mĩue		☉		mĩue	
360	5	10	1	2	24	1	0	48	2	32	3	13	1	36	46	38	1	18
365	5	15	5	2	6	1	1	48	2	35	2	56	2	0	46	36	1	12
370	5	20	14	1	54	1	4	0	2	40	2	34	2	6	46	27	1	12
375	5	25	34	1	30	1	4	48	2	42	2	13	2	18	46	7	1	0
380	5	30	58	1	24	1	5	0	2	43	1	52	2	36	45	42	1	6
385	5	36	23	1	12	1	6	36	2	46	1	31	2	36	45	14	1	6
390	5	41	56	1	0	1	7	48	2	49	1	10	2	18	44	38	1	6
400	5	53	14	0	36	1	8	42	2	52	0	36	2	36	43	11	1	0
											meri.		adde.					
410	0	4	41	0	11	1	9	54	2	55	0	0	2	12	41	31	1	0
				mĩue														
420	0	16	20	0	6	1	10	12	2	56	0	32	2	0	39	35	1	0
430	0	28	2	0	30	1	10	30	2	56	0	57	1	30	37	34	1	0
440	0	39	47	0	48	1	11	6	2	58	1	15	1	6	35	25	0	48
450	0	51	38	1	6	1	11	18	2	58	1	25	0	48	33	9	0	48
460	1	3	31	1	0	1	11	30	2	59	1	31	0	18	30	49	1	6
													mĩue					
470	1	15	26	1	18	1	11	48	2	59	1	27	0	6	28	25	0	48
480	1	27	24	1	24	1	12	0	3	0	1	19	0	36	25	58	0	42
490	1	39	24	1	18	1	12	18	3	1	1	5	0	48	23	28	0	54
500	1	51	27	1	18	1	12	36	3	2	0	49	1	0	20	54	0	48
510	2	3	33	1	28	1	12	36	3	2	0	30	1	30	18	20	0	12
520	2	15	39	1	6	1	13	12	3	3	0	8	1	12	15	48	0	36
											sept.		adde					
530	2	27	51	1	0	1	13	12	3	3	0	11	1	6	13	2	0	36
540	2	40	3	0	48	1	13	36	3	4	0	29	1	0	10	31	0	24
550	2	52	19	0	36	1	13	54	3	5	0	44	0	36	7	54	0	18
560	3	4	38	0	24	1	14	6	3	5	0	54	0	18	5	18	0	12
570	3	16	59	0	6	1	14	30	3	6	1	2	0	0	2	42	0	6
				adde.														
580	3	29	24	0	12	1	14	48	3	7	1	3	0	6	0	7	0	0
													mĩue					
583	3	33	8	0	12				3	7	1	4	0	6	0	40	0	6

♀

4 10

Di	Locus			Eqtio		ad Di.			ad ho		Lati:		Eqtio		Elōga.		Eqtio	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		adde		☉		adde	
0	0	1	11	0	18	1	15	0	3	7	0	56	0	36	0	53	0	12
																	mīue	
10	0	13	41	0	6	1	14	42	3	7	1	2	0	0	1	41	0	0
													mīue					
20	0	26	8	0	18	1	14	18	3	6	1	1	0	36	4	15	0	0
30	0	38	31	0	24	1	14	6	3	5	0	53	0	54	6	50	0	12
40	0	50	52	0	18	1	13	42	3	4	0	40	1	0	9	25	0	36
50	1	3	9	0	54	1	13	18	3	31	0	23	1	30	12	0	0	30
60	1	15	22	1	9	1	13	0	3	2	0	1	0	54	14	35	0	30
											sept.		adde					
70	1	27	32	1	9	1	12	48	3	2	0	19	1	30	17	10	0	36
80	1	39	40	1	18	1	12	24	3	1	0	42	0	42	19	44	0	12
90	1	51	44	1	18	1	12	18	3	1	1	4	1	6	22	16	0	48
100	2	3	47	1	12	1	11	42	2	59	1	24	0	48	24	48	0	48
110	2	15	44	1	12	1	11	30	2	59	1	40	0	30	27	16	0	48
													mīue					
120	2	27	39	1	12	1	11	12	2	58	1	51	0	12	29	40	0	54
130	2	39	31	1	12	1	11	0	2	57	1	54	0	24	32	1	1	0
140	2	51	21	1	0	1	10	18	2	56	1	54	1	36	34	21	0	48
150	3	3	4	0	42	1	10	6	2	55	1	37	0	54	36	30	1	0
160	3	14	45	0	30	1	9	18	2	53	1	24	2	0	38	36	0	54
170	3	26	18	0	6	1	8	42	2	52	0	58	2	42	40	32	1	0
				adde														
180	3	37	45	0	24	1	7	42	0	49	0	24	2	48	42	18	1	6
											meri.		adde					
190	3	49	2	0	30	1	6	48	2	47	0	16	2	42	43	51	1	54
195	3	54	36	0	48	1	5	48	2	45	0	37	2	42	44	32	1	0
200	4	0	5	1	0	1	4	0	2	40	0	58	2	24	45	6	1	6
205	4	5	25	1	18	1	4	0	2	40	1	23	2	12	45	32	1	6
210	4	10	45	1	36	1	3	0	2	38	1	44	2	6	45	26	1	12
215	4	16	0	1	42	1	0	48	2	32	2	7	1	54	46	13	1	12
220	4	21	4	2	6	0	59	36	2	29	2	30	1	42	46	19	1	18
225	4	26	1	2	18	0	57	0	2	23	2	49	1	24	46	18	1	18
230	4	30	46	2	36	0	5	40	2	15	3	6	0	36	46	2	1	30

4 10

	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		adde		♀		minue	
235	4	35	16	2	54	0	50	48	2	7	3	27	0	18	45	31	1	36
													minue					
240	4	39	30	3	24	0	46	48	1	57	3	43	0	24	44	44	1	54
245	4	43	24	3	48	0	42	12	1	46	3	56	1	6	43	35	2	12
250	4	46	55	4	0	0	35	24	1	29	4	6	2	0	42	2	2	12
255	4	49	52	4	30	8	28	24	1	11	4	5	2	30	39	56	2	30
260	4	52	14	5	0	0	19	36	0	49	3	59	3	24	37	12	3	0
265	4	53	52	5	36	0	8	36	0	22	3	43	3	54	33	45	3	30
270	4	54	35	6	24	0	3	0	0	8	3	21	4	6	29	23	4	12
	retrog̃d⁹					minue			minue									
272	4	54	41	6	0	0	4	15	0	11	3	16	4	42	27	26	4	0
275	4	54	24	1	18	0	13	36	0	34	2	51	5	42	24	5	5	0
280	4	53	16	7	54	0	24	0	1	0	2	13	6	24	17	50	5	36
285	4	51	16	8	36	0	31	48	1	20	1	21	6	36	10	42	6	12
290	4	48	37	8	54	0	35	0	1	28	0	27	7	12	2	57	6	30
													adde		☉		adde	
295	4	45	42	9	6	0	29	48	1	15	0	33	6	24	5	6	6	42
300	4	43	13	8	24	0	22	0	0	55	1	28	5	54	12	42	6	6
305	4	41	23	7	30	0	11	12	0	28	2	14	5	12	19	39	5	18
310	4	40	27	7	0	0	3	0	0	8	2	54	5	12	25	42	4	48
	Direct⁹					adde			adde									
313	4	40	18	6	54	0	6	0	0	15	3	11	4	36	28	55	4	42
315	4	40	30	6	24	0	12	36	0	32	3	22	4	42	30	46	4	18
320	4	41	33	5	24	0	22	0	0	55	3	46	3	36	34	49	3	24
325	4	43	27	4	54	0	30	48	1	17	4	5	2	12	38	5	3	0
330	4	45	57	4	24	0	37	0	1	33	4	13	1	12	40	37	2	42
335	4	49	2	4	6	0	43	24	1	49	4	10	0	30	42	36	2	30
340	4	52	39	3	42	0	48	24	2	1	4	4	0	6	44	2	2	12
													minue					
345	4	56	41	3	15	0	52	24	2	11	3	49	0	12	45	24	2	0
350	5	1	3	2	42	0	54	36	2	17	3	35	1	12	45	45	1	36
355	5	5	36	2	30	0	57	48	2	25	3	17	1	48	46	13	1	36

Residuū ♀

4 10

	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			adde		adde			adde		sept.		minue		☉		minue	
360	5	10	25	2	12	1	0	12	2	31	2	57	1	48	46	25	1	30
365	5	15	26	1	48	1	1	24	2	34	2	36	2	6	46	24	1	18
370	5	20	33	1	30	1	3	12	2	38	2	13	2	30	46	15	1	12
375	5	25	49	1	24	1	4	36	2	42	1	50	2	36	45	57	1	18
380	5	31	12	1	0	1	4	36	2	42	1	26	2	18	45	31	1	6
385	5	36	35	0	42	1	6	12	2	46	1	5	2	24	45	3	1	0
390	5	42	6	0	30	1	7	24	2	49	0	47	2	12	44	21	0	54
400	5	53	20	0	18	1	8	18	2	51	0	10	2	30	43	1	1	6
											meri.		adde					
410	0	4	43	0	0	1	9	36	2	54	0	23	2	18	41	21	1	6
				minue														
420	0	16	19	0	42	1	9	48	2	55	0	52	1	42	39	25	0	48
430	0	27	57	0	54	1	10	12	2	56	1	12	1	12	37	24	0	48
440	0	39	39	0	54	1	10	48	2	57	1	26	1	0	35	17	1	0
450	0	51	27	1	12	1	11	24	2	58	1	33	0	24	33	1	0	54
460	1	3	23	1	18	1	11	12	2	58	1	34	0	0	30	38	0	48
													minue					
470	1	15	13	1	18	1	11	42	2	59	0	26	0	24	28	17	0	48
480	1	27	10	1	24	1	12	6	3	0	1	13	0	36	25	51	0	48
490	1	39	11	1	36	1	12	18	3	1	0	57	0	54	23	19	0	30
500	1	51	14	1	18	1	12	36	3	2	0	39	1	6	20	46	0	42
510	2	3	20	1	6	1	12	48	3	2	0	15	1	12	18	13	0	36
											sept.		adde					
520	2	15	28	1	0	1	13	18	3	3	0	4	1	6	15	39	0	36
530	2	27	41	1	0	1	13	24	3	4	0	22	1	12	13	2	0	12
540	2	36	55	0	42	1	13	48	3	4	0	39	0	48	10	27	0	12
550	2	52	13	0	30	1	14	6	3	5	0	50	0	42	7	51	0	6
560	3	4	34	0	12	1	14	24	3	6	0	59	0	12	5	16	0	0
				adde													adde.	
570	3	16	58	0	6	1	14	48	3	7	1	2	0	12	2	41	0	6
580	3	29	26	0	12	1	14	48	3	7	1	4	0	12	0	7	0	18
															♀		minue	
573	3	33	10	0	24				3	7	1	3	0	18	0	39	0	18

♀

4 20

Di	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Eloga.		Eq̃tio	
	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		adde		⊙		adde	
0	0	1	14	0	6	1	14	48	3	7	1	2	0	6	0	55	0	0
		}		minue									minue		♀			
10	0	13	42	0	12	1	14	18	3	6	1	2	0	24	1	45	0	6
20	0	26	5	0	18	1	14	12	3	6	0	55	0	42	4	13	0	18
30	0	38	27	0	48	1	14	12	3	5	0	44	0	54	6	52	0	12
40	0	50	49	1	18	1	13	6	3	3	0	30	1	30	9	31	0	0
50	1	3	0	1	6	1	13	3	3	3	0	8	1	6	12	5	0	36
											sept.		adde					
60	1	15	10	1	6	1	13	3	3	3	0	8	0	36	14	40	0	36
70	1	27	21	1	18	1	12	36	3	2	0	32	1	18	17	16	0	42
80	1	39	27	1	24	1	12	24	3	1	0	49	0	48	19	51	0	42
90	1	51	31	1	24	1	12	12	3	0	1	15	0	48	22	24	0	48
100	2	3	33	1	18	1	11	48	2	59	1	32	0	36	24	56	0	48
													minue					
110	2	15	31	1	13	1	11	36	2	59	1	45	0	12	27	24	0	48
120	2	27	27	1	6	1	11	12	2	58	1	49	0	12	29	49	1	0
130	2	39	19	0	42	1	11	12	2	58	1	50	1	18	32	11	1	0
140	2	51	11	0	42	1	10	36	2	57	1	38	0	54	34	29	1	0
150	3	2	57	0	30	1	10	12	2	56	1	28	1	48	36	40	0	54
160	3	14	34	0	12	1	9	48	2	55	1	4	2	42	38	45	0	54
				adde														
170	3	26	17	0	12	1	9	12	2	53	0	21	1	30	40	42	0	54
											meri.		adde					
180	3	37	43	0	30	1	7	48	2	50	0	4	2	30	43	29	0	54
190	3	49	7	1	6	1	7	24	2	48	0	43	2	24	44	0	1	12
195	3	54	44	1	12	1	6	12	2	46	1	4	2	6	44	42	1	0
200	4	0	15	1	24	1	4	36	2	42	1	22	2	12	45	17	1	0
205	4	5	38	1	42	1	4	36	2	41	1	45	1	36	45	43	1	12
210	4	11	1	1	54	1	3	12	2	38	2	5	1	30	46	8	1	6
215	4	16	17	2	6	1	1	36	2	34	2	26	1	12	46	25	1	6
220	4	21	25	2	24	0	59	48	2	30	2	46	0	36	46	32	1	18
225	4	26	24	2	42	0	57	36	2	24	3	3	0	12	46	31	1	18

Residuū ♀

4 20

	Locus			Eq̄tio		ad vi.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		meri.		adde		♀		adde	
230	4	31	12	3	0	0	54	36	2	17	3	15	0	12	46	17	1	30
													mīue					
235	4	35	45	3	24	0	51	48	2	10	3	30	0	42	45	47	1	42
240	4	40	4	3	24	0	47	36	1	59	3	39	0	54	45	3	1	36
245	4	44	2	3	42	0	42	36	1	47	3	45	1	30	43	57	1	42
250	4	47	35	4	18	0	36	24	1	31	3	46	2	30	42	24	2	18
255	4	50	37	4	30	0	29	24	1	14	3	40	3	18	40	21	2	24
260	4	53	4	5	0	0	20	48	0	52	3	25	4	6	37	42	2	48
265	4	54	48	5	48	0	10	12	0	26	3	4	4	36	24	20	3	24
270	4	55	39	6	24	0	0	20	0	1	2	30	4	48	30	5	4	6
	retrog̃d'					mīue			mīue									
273	4	55	40	7	0	0	1	30	0	3	2	19	5	54	27	1	4	36
275	4	55	37	7	12	0	12	24	0	31	1	54	4	48	24	55	4	48
280	4	54	35	7	48	0	22	36	0	56	1	9	5	18	18	46	5	24
285	4	52	42	8	0	0	31	12	1	18	0	15	5	36	11	44	5	42
											sept.		adde					
290	4	50	6	8	30	0	34	36	1	27	0	45	6	6	4	22	5	12
															☉		mīue	
295	4	47	13	8	18	0	31	12	1	18	1	37	7	42	3	59	6	6
300	4	44	37	8	0	0	23	48	0	59	2	27	6	54	11	41	5	48
305	4	42	38	7	36	0	12	12	0	30	3	6	6	12	18	46	5	30
310	4	41	37	6	36	0	2	20	0	8	3	46	4	6	24	54	4	36
	Directus					adde			adde									
313	4	41	27	6	42	0	3	30	0	9	3	57	3	48	28	8	4	30
315	4	41	34	6	0	0	10	36	0	26	4	9	3	12	30	3	4	6
320	4	42	27	5	12	0	21	0	0	53	4	22	1	48	34	15	3	30
325	4	44	12	4	54	0	29	48	1	15	4	27	1	6	37	35	3	18
330	4	46	41	4	18	0	36	24	1	31	4	25	0	48	40	10	2	54
335	4	49	43	3	42	0	42	36	1	47	4	15	0	30	42	11	2	24
													mīue					
340	4	53	16	3	12	0	47	36	1	59	4	5	0	42	43	40	2	6
345	4	57	14	2	48	0	51	12	2	8	3	47	1	24	44	44	1	54
350	5	1	30	2	18	0	54	12	2	16	3	23	1	36	45	29	1	36
355	5	6	1	2	0	0	57	12	2	23	2	55	1	54	45	57	1	30

Residuum ♀

4 20

	Locus			Equtio		a1 di.			ad bo.		Lati.		Equtio		Elonga.		Equtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		sept.		minue		☉		minue	
360	5	10	47	1	36	0	59	24	2	29	2	39	2	30	46	10	1	18
365	5	15	44	1	30	1	0	48	2	32	2	15	2	36	46	11	1	24
370	5	20	48	1	12	1	3	0	2	38	1	48	2	18	49	3	1	18
375	5	26	3	0	48	1	3	48	2	39	1	24	2	24	45	44	1	6
380	5	31	22	0	36	1	4	0	2	40	1	3	2	42	45	20	1	6
385	5	36	42	0	30	1	5	48	2	44	0	41	2	30	44	53	1	6
390	5	42	11	0	18	1	7	12	2	48	0	25	2	42	44	18	1	6
											meri.		adde					
400	5	53	23	0	0	1	8	0	2	50	0	15	2	18	42	50	1	12
				minue														
410	0	4	43	0	30	1	8	54	2	52	0	46	2	0	41	10	1	0
420	0	16	12	0	42	1	9	36	2	54	1	9	1	24	39	17	1	0
430	0	27	48	0	54	1	10	12	2	56	1	24	1	24	37	16	1	0
440	0	39	30	1	24	1	10	30	2	56	1	36	0	36	35	7	0	48
450	0	51	15	1	18	1	11	18	2	58	1	37	0	18	32	52	0	48
													minue					
460	1	3	8	1	24	1	11	12	2	58	1	34	0	30	30	30	0	42
470	1	15	0	1	30	1	11	36	2	59	1	22	0	36	28	9	0	48
480	1	26	56	1	24	1	11	54	3	0	1	7	1	0	25	43	0	42
490	1	38	55	1	12	1	12	36	3	1	0	48	1	12	23	14	0	48
500	1	51	1	1	18	1	12	48	3	2	0	28	1	30	20	39	0	24
510	2	3	9	1	12	1	12	54	3	2	0	3	1	0	18	7	0	24
											sept.		adde					
520	2	15	18	1	0	1	13	18	3	3	0	15	1	6	15	33	0	18
530	2	27	31	0	36	1	13	42	3	4	0	34	0	48	13	0	0	18
540	2	39	48	0	30	1	14	0	3	5	0	47	0	42	10	25	0	6
550	2	52	8	0	12	1	14	24	3	6	0	57	0	18	7	50	0	0
				adde													adde	
560	3	4	32	0	6	1	14	42	3	7	1	1	0	24	5	16	0	6
570	3	16	59	0	12	1	14	54	3	7	1	4	0	0	2	42	0	18
													minue					
580	3	29	28	0	36	1	15	24	3	8	1	2	0	6	0	10	0	24
															♀		minue	
583	3	33	14	0	42				3	8	1	0	0	12	0	36	0	24

♀

4 30

	Locus			Eqtio		ad vi.			ad ho.		Lati.		Eqtio		Elóga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			mine		adde			adde		meri.		mine		☉		mine	
0	0	1	15	0	12	1	14	30	3	6	1	3	0	12	0	55	0	6
															♀			
10	0	13	40	0	18	1	14	12	3	5	0	58	0	30	1	42	0	18
20	0	26	2	0	36	1	13	42	3	4	0	48	0	48	4	18	0	24
30	0	38	19	0	42	1	13	42	3	4	0	35	1	18	6	54	0	30
40	0	50	16	1	0	1	13	18	3	3	0	15	1	0	9	31	0	42
											sept.		adde					
50	1	2	49	1	12	1	13	0	3	2	0	3	1	24	12	10	0	36
60	1	14	59	1	12	1	12	54	3	2	0	14	1	18	14	43	0	48
70	1	27	8	1	18	1	12	30	3	1	0	45	1	18	17	23	0	48
80	1	39	13	1	18	1	12	24	3	1	1	7	0	48	19	58	0	54
90	1	51	17	1	18	1	12	18	3	1	1	23	0	48	22	32	0	48
100	2	3	20	1	18	1	11	54	3	0	1	38	1	0	25	4	0	54
110	2	15	19	1	12	1	11	42	2	59	1	42	1	6	27	32	1	0
													mine					
120	2	27	16	0	54	1	11	36	2	59	1	47	1	12	29	59	0	54
130	2	39	12	0	54	1	11	12	2	58	1	37	0	48	32	21	0	48
140	2	51	4	0	36	1	10	40	2	57	1	29	1	36	34	39	0	48
150	3	2	52	0	6	1	10	30	2	56	1	10	2	24	36	49	1	0
		—		adde														
160	3	14	37	0	18	1	10	12	2	55	0	37	2	18	38	54	1	0
170	3	26	19	0	24	1	9	30	2	54	0	6	2	24	40	51	0	48
											meri.		adde					
180	3	37	54	0	48	1	8	24	2	51	0	29	2	24	42	38	0	54
190	1	49	18	1	12	1	7	36	2	49	1	7	2	6	44	12	0	48
195	3	54	56	1	24	1	6	36	2	46	1	35	2	6	44	52	0	54
200	4	20	29	1	42	1	5	12	2	43	1	44	1	54	45	27	0	54
205	4	5	55	1	54	1	5	0	2	42	2	1	1	36	45	55	0	54
210	4	11	20	2	0	1	3	36	2	39	2	20	1	12	46	19	0	54
215	4	16	38	2	24	1	2	12	2	35	2	38	0	54	46	36	1	0
220	4	21	49	2	42	1	0	24	2	31	2	53	0	42	46	45	1	6
225	4	26	51	2	48	0	58	12	2	25	3	5	0	12	46	44	1	12

Residuū ♀

4 30

	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m	m	2
es	Directus			adde		adde			adde		meri.		minue		♀		minue	
230	4	31	42	3	0	0	55	24	2	18	3	17	0	36	46	32	1	6
235	4	36	19	3	0	0	51	48	2	9	3	23	1	0	46	4	1	6
240	4	40	38	3	36	0	48	12	2	0	3	30	0	48	45	19	1	30
245	4	44	29	3	48	0	43	48	1	49	3	30	2	30	44	14	1	42
250	4	48	18	3	48	0	36	48	1	32	3	21	3	0	43	47	1	36
255	4	51	22	4	36	0	30	24	1	16	3	7	3	24	40	45	2	18
260	4	53	54	4	54	0	22	24	0	56	2	44	3	36	38	10	2	36
265	4	55	46	5	24	0	11	24	0	28	2	18	4	12	34	54	3	6
270	4	56	43	6	12	0	4	0	0	10	1	42	4	30	30	46	3	48
	retrogđ'					minue			minue									
272	4	56	51	6	18	0	0	40	0	2	1	27	4	48	28	50	4	6
275	4	56	49	6	24	0	11	12	0	28	1	6	5	30	25	43	4	6
280	4	55	53	7	12	0	22	12	0	56	0	16	6	42	17	40	4	54
											sept.		adde					
285	4	54	2	7	30	0	30	12	1	16	0	41	7	6	12	41	5	18
290	4	51	31	8	0	0	35	0	1	28	1	46	7	42	5	4	5	48
295	4	48	36	7	54	0	31	48	1	19	2	54	7	0	2	58	5	48
300	4	45	57	7	30	0	24	36	1	1	3	36	5	36	10	43	5	30
305	4	43	54	6	48	0	14	12	0	35	4	8	4	6	17	51	4	54
310	4	42	43	6	18	0	3	0	0	8	4	27	3	0	24	8	4	36
	Direct'					adde			adde									
314	4	42	31	5	30	0	3	0	0	7	4	41	2	0	28	24	4	0
315	4	42	34	5	42	0	9	0	0	23	4	41	2	0	29	22	4	6
320	4	43	19	5	6	0	20	24	0	51	4	40	2	6	33	40	3	42
325	4	45	1	4	12	0	28	36	1	12	4	38	1	36	37	2	3	0
330	4	47	24	3	36	0	35	12	1	28	4	33	1	24	39	41	2	30
													minue					
335	4	50	20	3	18	0	41	36	1	44	4	20	0	24	41	47	2	24
340	4	53	48	2	42	0	46	48	1	57	3	58	0	36	43	19	2	0
345	4	57	42	2	18	0	50	12	2	6	3	33	1	42	44	25	1	48
350	5	1	53	1	54	0	53	36	2	14	3	7	2	24	45	13	1	36
355	5	6	21	1	36	0	56	24	2	21	2	40	2	36	45	42	1	30

Residuũ ♀

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Dies	Locus			Eq̃tio		ad vi.			ad ho		Lati.		Eq̃tio		Elóga.		Eq̃tio	
	S	g̃	m	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
	Directus			adde		adde			adde		sept.		minue		⊙		minue	
360	5	11	3	1	24	0	59	12	2	28	2	14	2	18	45	57	1	30
365	5	15	59	0	54	1	0	12	2	31	1	49	2	30	45	57	1	12
370	5	21	0	0	36	1	2	12	2	36	1	25	2	48	45	51	1	6
375	5	26	11	0	42	1	3	24	2	38	1	0	2	48	45	33	1	18
380	5	31	28	0	18	1	3	48	2	40	0	36	2	36	45	9	1	6
385	5	36	47	0	6	1	5	24	2	43	0	16	2	36	44	42	1	0
											meri.		adde					
390	5	42	14	0	0	1	6	54	2	47	0	2	2	48	44	7	1	6
				minue														
400	5	53	23	0	30	1	7	30	2	49	0	38	2	18	42	38	0	54
410	0	4	38	1	0	1	8	42	2	52	1	6	1	30	41	0	0	42
420	0	16	5	1	6	1	9	24	2	54	1	23	1	36	39	7	0	48
430	0	27	39	1	18	1	9	42	2	54	1	38	0	48	37	6	0	48
440	0	39	16	1	6	1	10	36	2	56	1	42	0	24	34	59	0	54
													minue					
450	0	51	2	1	24	1	11	24	2	58	1	40	0	18	32	44	0	42
460	1	2	54	1	30	1	11	12	2	58	1	29	0	30	30	23	0	42
470	1	14	45	1	24	1	11	42	2	59	1	16	0	48	28	1	0	36
480	1	26	42	1	18	1	12	12	3	2	0	57	1	12	25	36	0	42
490	1	38	43	1	12	1	12	30	3	1	0	36	1	30	23	6	0	30
500	1	50	48	1	6	1	12	54	3	2	0	13	1	6	20	35	0	30
											sept.		adde					
510	2	2	57	0	54	1	13	6	3	3	0	7	1	12	18	3	0	24
520	2	15	8	0	42	1	13	42	3	4	0	26	1	0	15	30	0	12
530	2	27	25	0	36	1	13	48	3	5	0	42	0	54	12	57	0	0
540	2	39	43	0	12	1	14	18	3	6	0	54	0	30	10	24	0	0
																	adde	
550	2	52	6	0	0	1	14	42	3	7	1	0	0	30	7	50	0	12
				adde														
560	3	4	33	0	12	1	14	48	3	7	1	5	0	6	5	17	0	18
570	3	17	1	0	36	1	15	18	3	8	1	4	0	6	2	45	0	24
580	3	29	34	0	48	1	15	36	3	8	1	11	0	36	0	14	0	30
															♀		minue	
583	3	33	21	0	48		-		3	-9	0	58	0	29	0	32	0	30

♀

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	Locus			Eqtio		ad Di.			ad ho		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		meri.		miue		☉		miue	
0	0	1	13	0	18	1	14	24	3	6	1	1	0	30	0	54	0	18
															♀		adde	
10	0	13	37	0	42	1	13	54	3	5	0	53	0	54	1	45	0	18
20	0	25	56	0	42	1	13	36	3	4	0	40	1	12	4	22	0	36
30	0	38	12	1	6	1	13	24	3	3	0	22	1	0	6	59	0	42
40	0	50	26	1	6	1	13	6	3	3	0	5	1	24	9	38	0	42
											sept.		adde					
50	1	2	37	1	12	1	13	0	3	2	0	17	1	6	12	16	0	48
60	1	14	47	1	18	1	12	48	3	2	0	37	1	18	14	54	0	48
70	1	26	55	1	18	1	12	30	3	1	0	48	1	54	17	31	0	54
80	1	39	0	1	24	1	12	24	3	1	1	15	1	0	20	7	0	42
90	1	51	4	1	12	1	12	18	3	1	1	31	0	12	22	40	1	0
100	2	3	7	1	6	1	12	0	3	0	1	38	0	0	25	13	0	54
													miue					
110	2	15	7	0	54	1	12	0	3	0	1	44	0	54	27	42	0	54
120	2	27	7	1	0	1	11	36	2	59	1	35	0	36	30	8	0	42
130	2	39	3	0	30	1	11	30	2	59	1	29	1	18	32	29	0	54
140	2	50	58	0	12	1	11	18	2	58	1	13	2	0	34	47	0	54
				adde														
150	3	2	51	0	6	1	10	54	2	57	0	46	2	24	36	59	0	48
160	3	14	40	0	24	1	10	18	2	56	0	14	2	18	39	4	0	48
											meri.		adde					
170	3	26	23	0	48	1	9	54	2	55	0	18	2	12	40	59	0	48
180	3	38	2	1	12	1	8	48	2	52	0	53	2	6	42	47	0	48
190	3	49	30	1	30	1	8	0	2	50	1	28	1	54	44	20	0	42
195	3	55	10	1	36	1	7	12	2	48	1	46	1	48	45	1	0	36
200	4	0	46	1	48	1	5	36	2	44	2	3	1	18	45	36	0	42
205	4	6	14	2	6	1	5	12	2	43	2	17	1	12	46	4	0	42
210	4	11	40	2	30	1	4	24	2	41	2	32	1	0	46	28	0	54
215	4	17	2	2	36	1	2	48	2	37	2	47	0	30	46	46	1	0
													miue					
220	4	22	16	2	36	1	0	36	2	32	3	0	0	6	46	56	0	48
225	4	27	19	2	48	0	53	36	2	26	3	7	0	36	46	56	0	48

Residuū ♀

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Eloga		Equio	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Direct⁹			adde		adde			adde		meri.		minue		♀		adde	
230	4	32	12	2	54	0	55	24	2	18	3	11	0	48	46	43	0	54
235	4	36	49	3	12	0	53	0	2	12	3	13	1	24	46	15	1	6
240	4	41	14	3	0	0	48	36	2	1	3	12	2	24	45	34	0	54
245	4	45	17	3	36	0	43	48	1	49	3	5	2	36	44	31	1	18
250	4	48	56	4	6	0	38	24	1	36	2	51	3	6	43	3	1	48
255	4	52	8	4	24	0	31	0	1	17	2	33	3	42	41	8	2	0
260	4	54	43	4	36	0	23	24	0	58	2	8	4	36	38	36	2	12
265	4	56	40	4	48	0	13	0	0	32	1	36	5	12	35	25	2	30
270	4	57	45	5	30	0	4	40	0	12	0	57	5	48	31	24	3	12
	retrogd⁹					minue			minue									
273	4	57	59	5	24	0	3	0	0	8	0	30	5	54	28	33	3	12
275	4	57	53	5	48	0	9	36	0	24	0	7	6	12	26	24	3	36
											sept.		adde					
280	4	57	5	6	24	0	21	36	0	54	0	51	6	6	20	29	4	12
285	4	55	17	6	54	0	29	12	1	13	1	52	6	36	13	34	4	48
290	4	52	51	7	6	0	35	12	1	28	3	3	5	0	6	2	5	6
															☉		minue	
295	4	49	55	7	18	0	32	36	1	21	4	4	5	48	2	0	5	24
300	4	47	12	6	36	0	26	0	1	5	4	32	4	18	9	48	4	54
305	4	45	2	6	18	0	15	12	0	38	4	49	3	12	17	2	4	42
310	4	43	46	5	54	0	5	0	0	12	4	57	3	6	23	22	4	24
	Directus					adde			adde									
314	4	43	26	5	6	0	3	0	0	13	5	1	2	6	27	45	3	48
315	4	43	31	4	42	0	7	48	0	20	5	1	2	6	28	41	3	30
320	4	44	10	4	6	0	18	36	0	47	5	1	0	42	33	3	3	0
													minue					
325	4	45	43	3	42	0	27	24	1	9	4	54	0	18	36	32	2	48
330	4	48	0	3	6	0	34	36	1	26	4	37	0	42	39	16	2	24
335	4	50	53	2	42	0	40	24	1	41	4	16	1	18	41	23	1	12
340	4	54	15	2	12	0	46	0	1	55	3	52	2	12	42	59	1	54
345	4	58	5	1	54	0	49	24	2	3	3	16	2	30	44	7	1	48
350	5	2	12	1	36	0	53	0	2	12	1	43	2	18	44	57	1	42
355	5	6	37	1	6	0	56	0	2	20	2	14	2	30	45	27	1	24

Residuu ♀

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		mīue		☉		mīue	
360	5	11	17	0	48	0	58	11	2	25	1	51	2	54	45	42	1	18
365	5	16	8	0	42	0	59	36	2	29	1	24	2	54	45	45	1	18
370	5	21	6	0	30	1	2	24	2	36	0	27	2	54	45	39	1	18
375	5	26	18	0	6	1	2	36	2	36	0	32	2	42	45	20	1	6
				mīue														
380	5	31	31	0	0	1	3	24	2	38	0	10	3	0	44	58	1	6
											meri.		adde					
385	5	36	48	0	12	1	5	12	2	42	0	10	3	12	44	32	1	12
390	5	42	14	0	30	1	6	24	2	46	0	30	2	30	43	50	1	6
400	5	53	18	0	54	1	7	0	2	48	1	1	1	42	42	29	0	54
410	0	4	24	0	24	1	8	36	2	51	1	21	1	54	40	53	1	0
420	0	15	56	1	6	1	9	12	2	53	1	39	1	6	38	59	1	0
430	0	27	26	1	12	1	9	54	2	55	1	46	0	30	36	58	0	54
													mīue					
440	0	39	5	1	30	1	10	18	2	46	1	46	0	0	34	50	0	42
450	0	50	48	1	30	1	11	6	2	58	1	37	0	18	32	37	0	42
460	1	2	39	1	24	1	11	12	2	58	1	24	0	48	30	16	0	42
470	1	14	31	1	18	1	11	48	2	59	1	8	1	12	27	55	0	42
480	1	26	29	1	18	1	12	12	3	0	0	45	1	12	25	29	0	24
490	1	38	31	1	6	1	12	36	3	1	0	21	1	6	23	1	0	30
500	1	50	37	0	54	1	13	6	3	3	0	2	1	24	20	30	0	18
											sept.		adde					
510	2	2	48	0	54	1	13	18	3	3	0	19	1	6	17	59	0	0
520	2	15	1	0	30	1	13	48	3	4	0	36	1	6	15	28	0	0
530	2	27	19	0	12	1	14	12	3	5	0	51	0	36	12	57	0	0
																	adde	
540	2	39	41	0	6	1	14	30	3	6	0	59	0	42	10	24	0	18
				adde														
550	2	52	6	0	12	1	14	54	3	7	1	5	0	18	7	52	0	18
560	3	4	35	0	30	1	15	12	3	8	1	6	0	0	5	20	0	30
570	3	17	7	0	48	1	15	30	3	9	1	3	0	18	2	49	0	36
580	3	29	42	3	54	1	15	48	3	10	0	55	0	36	0	19	0	48
															♀		mīue	
583	3	33	29	1	0				3	10	0	54	0	54	0	27	0	48

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Di	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			minue		adde			adde		meri.		minue		☉		minue	
0	0	1	10	0	30	1	14	0	3	5	0	56	0	30	0	51	0	30
															♀		adde	
10	0	13	30	0	48	1	13	54	3	5	0	48	1	0	1	48	0	36
20	0	25	49	1	3	1	13	12	3	3	0	28	0	48	4	28	0	36
30	0	38	1	1	3	1	13	24	3	3	0	12	1	12	7	6	0	42
											sept.		adde					
40	0	50	15	1	18	1	13	0	3	2	0	9	1	6	9	45	0	42
50	1	2	25	1	18	1	12	54	3	2	2	28	1	18	12	24	0	48
60	1	14	34	1	18	1	12	48	3	2	0	50	0	54	15	2	0	54
70	1	26	42	1	18	1	12	24	3	1	1	7	0	54	17	40	0	18
80	1	38	46	1	12	1	12	36	3	1	1	25	0	12	20	14	1	0
90	1	50	52	1	6	1	12	24	3	1	1	33	0	12	22	50	0	54
													minue					
100	2	24	56	2	54	1	12	12	3	0	1	38	0	36	25	22	0	54
110	2	14	58	0	54	1	1	54	3	0	1	35	0	36	27	51	0	48
120	2	27	57	6	30	1	12	6	3	0	1	29	1	6	30	15	0	54
130	2	38	58	0	12	1	11	48	2	59	1	16	1	54	32	38	0	54
				adde														
140	2	50	56	0	12	1	11	36	2	59	0	52	2	6	34	56	0	54
150	3	2	22	0	18	1	11	12	2	58	0	22	2	6	37	7	0	42
											meri.		adde					
160	3	14	44	0	48	1	10	42	2	57	0	9	2	12	39	12	0	48
170	3	26	31	1	12	1	10	18	2	56	0	40	2	0	41	7	0	42
180	3	38	14	1	24	1	9	6	2	53	1	14	1	54	42	55	0	46
190	3	49	45	1	48	1	8	12	2	58	1	47	1	30	44	27	0	42
195	3	55	26	2	12	1	7	36	2	49	2	4	1	18	45	7	0	48
200	4	1	4	2	30	1	6	12	2	46	2	16	1	6	45	43	0	54
205	4	6	35	2	30	1	6	0	2	45	2	29	0	42	46	11	0	54
210	4	12	5	2	18	1	4	36	2	41	2	42	0	18	46	37	0	30
													minue					
215	4	17	28	2	24	1	2	48	2	37	2	52	0	12	46	56	0	24
220	4	22	42	2	42	1	1	0	2	32	2	59	0	24	47	4	0	36
225	4	27	47	2	36	0	58	48	2	27	3	1	0	48	47	4	0	30

	Locus			Eqtio		ad Di.			ad ho		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		minue		♀		adde	
230	4	32	41	2	36	0	56	0	2	20	3	3	1	48	46	51	0	30
235	4	37	21	3	0	0	52	36	2	11	2	59	2	0	46	26	0	42
240	4	41	44	3	24	0	49	48	2	4	2	48	2	18	45	43	1	0
245	4	45	53	3	30	0	44	48	1	52	2	39	3	24	44	44	1	6
250	4	49	37	3	36	0	39	0	1	39	2	20	3	54	43	21	1	12
255	4	52	52	3	48	0	31	24	1	18	1	56	4	24	41	28	1	30
260	4	55	29	4	12	0	23	48	0	59	1	22	4	42	38	58	1	54
265	4	57	28	4	18	0	14	24	0	36	0	44	4	54	35	50	2	6
											sept.		adde					
270	4	58	40	4	42	0	4	15	0	11	0	1	4	36	31	56	2	30
	retrogd'					minue			minue									
274	4	58	57	5	0	0	6	0	0	15	0	38	5	48	28	7	2	54
275	4	58	51	5	18	0	8	24	0	21	0	51	5	0	27	0	3	12
280	4	58	9	5	48	0	20	36	0	51	1	52	4	42	21	11	3	48
285	4	56	26	6	6	0	28	48	1	12	2	58	4	12	14	22	4	12
290	4	54	2	5	54	0	34	48	1	27	3	53	4	54	6	25	4	12
															☉		minue	
295	4	51	8	4	0	0	34	0	1	25	5	2	4	18	1	6	4	24
300	4	48	18	5	54	0	26	36	1	6	5	15	4	12	8	59	4	24
305	4	46	5	5	36	0	16	0	0	40	5	21	3	24	16	15	4	18
310	4	44	45	4	36	0	7	0	0	17	5	28	1	30	22	38	3	30
	Directus					adde			adde									
314	4	44	17	5	0	0	1	0	0	2	5	22	1	24	27	7	3	30
315	4	44	18	4	18	0	6	36	0	16	5	22	0	18	28	6	3	24
													minue					
320	4	44	51	3	42	0	17	48	0	44	5	8	0	12	32	33	3	0
325	4	46	20	2	54	0	26	12	1	5	4	51	0	54	36	4	2	24
330	4	48	31	2	30	0	33	48	1	24	4	30	1	54	38	52	2	12
335	4	51	20	2	6	0	39	24	1	38	4	3	2	18	41	1	2	0
340	4	54	37	1	42	0	45	24	1	53	3	30	2	12	42	40	1	24
345	4	58	24	1	6	0	48	48	2	2	2	51	2	30	43	49	1	24
350	5	2	28	0	51	0	52	0	2	10	2	20	3	0	44	40	1	18
355	5	6	48	0	51	0	55	24	2	18	1	49	2	54	45	13	1	30

Residuū ♀

4 50

	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		mīue		☉		mīue	
360	5	11	25	0	24	0	58	0	2	25	1	22	3	6	45	29	1	12
365	5	16	15	0	12	0	59	12	2	28	0	55	3	18	45	32	1	12
370	5	21	11	0	6	1	1	36	2	34	0	28	2	48	45	26	1	0
				mīue														
375	5	26	19	0	18	1	2	24	2	36	0	5	2	30	45	9	1	0
											meri.		adde					
380	5	32	31	0	30	1	3	0	2	37	0	20	2	36	44	47	1	0
385	5	36	46	0	48	1	4	36	2	41	0	42	2	6	44	20	0	48
390	5	42	9	0	48	1	6	0	2	45	0	55	2	6	43	45	0	54
400	5	53	9	1	0	1	7	0	2	47	1	18	2	0	42	20	0	48
410	0	4	19	1	12	1	8	24	2	51	1	40	1	12	40	43	0	54
420	0	15	43	1	30	1	9	6	2	53	1	50	0	36	38	49	0	36
430	0	27	14	1	30	1	9	36	2	54	1	51	0	12	36	49	0	42
													mīue					
440	0	38	50	1	24	1	10	18	2	56	1	46	0	18	34	43	0	42
450	0	50	33	1	24	1	11	12	2	58	1	34	0	48	32	30	0	42
460	1	2	25	1	36	1	11	18	2	58	1	16	1	6	30	9	0	18
470	1	14	18	1	18	1	11	48	2	59	0	56	1	12	27	48	0	24
480	1	26	16	1	6	1	12	24	3	1	0	33	1	18	25	25	0	30
490	1	38	20	1	0	1	12	48	3	2	0	10	1	24	22	26	0	12
											sept.		adde					
500	1	50	28	0	54	1	13	6	3	3	0	12	1	18	20	27	0	0
510	2	2	59	0	30	1	13	42	3	4	0	30	1	18	17	59	0	0
520	2	14	56	0	18	1	14	6	3	5	0	47	0	42	15	28	0	6
530	2	27	17	0	6	1	14	18	3	6	0	56	0	48	12	57	0	18
				adde														
540	2	39	40	0	12	1	14	48	3	7	1	6	0	18	10	27	0	18
550	2	52	8	0	48	1	15	12	3	8	1	8	0	12	7	55	0	30
													mīue					
560	3	4	44	0	48	1	15	30	3	9	1	6	0	12	5	25	0	36
570	3	17	15	0	48	1	15	36	3	9	1	0	0	36	2	55	0	48
580	3	29	51	1	6	1	16	0	3	10	0	49	0	54	0	27	0	48
583	3	33	39	1	12				3	10	0	41	1	0	0	19	0	48

♀

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directꝰ			miue		adde			adde		meri.		miue		☉		miue	
0	0	1	5	0	48	1	13	42	3	4	0	51	1	0	0	46	0	36
															♀		adde	
10	0	13	22	1	0	1	13	36	3	4	0	34	0	48	1	54	0	36
20	0	25	38	1	0	1	13	18	3	3	0	20	1	18	4	34	0	42
											sept.		adde					
30	0	37	51	1	18	1	13	6	3	3	0	0	1	0	7	13	0	42
40	0	50	2	1	15	1	13	0	3	2	0	20	1	12	0	52	0	54
50	1	2	12	1	15	1	12	54	3	2	0	41	1	0	12	32	0	54
60	1	14	21	1	15	1	12	48	3	2	0	59	0	54	15	11	0	48
70	1	26	29	1	15	1	12	30	3	1	1	16	0	30	17	48	0	54
80	1	38	34	1	6	2	12	42	3	1	1	27	0	18	20	24	0	54
													miue					
90	1	50	41	0	54	1	12	36	3	1	1	35	0	30	22	59	0	54
100	2	2	47	0	54	1	12	12	3	1	1	32	0	24	25	31	0	48
110	2	14	49	0	30	1	12	18	3	1	1	29	1	12	27	59	0	54
120	2	26	52	0	12	1	12	24	3	1	1	18	1	42	30	24	0	48
130	2	38	56	0	0	1	12	12	3	0	0	57	1	54	32	47	0	42
				adde														
140	2	50	58	0	12	1	11	42	2	59	0	32	2	0	35	5	0	36
150	3	2	55	0	42	1	11	42	2	59	0	1	2	0	37	14	0	42
											meri.		adde					
160	3	14	52	1	0	1	11	6	2	58	0	31	1	48	39	20	0	30
170	3	26	43	1	30	1	10	30	2	56	1	0	2	6	41	14	0	42
180	3	38	28	1	48	1	9	30	2	54	1	33	1	36	43	1	0	36
190	3	50	3	2	6	1	9	0	2	52	2	2	1	12	44	34	0	30
195	3	55	48	2	6	1	8	12	2	50	2	17	0	48	45	15	0	30
200	4	1	29	2	6	1	6	12	2	45	2	27	0	36	45	52	0	18
205	4	7	0	2	6	1	5	36	2	44	2	36	0	0	46	20	0	6
													miue					
210	4	12	28	2	24	1	4	48	2	42	2	45	0	18	46	42	0	18
215	4	17	52	2	24	1	3	24	2	38	2	50	0	30	47	0	0	18
220	4	23	9	2	18	1	0	48	2	32	2	55	1	24	47	10	0	12
225	4	28	13	2	48	0	58	24	2	29	2	53	1	30	47	9	0	30

Residuū ♀

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		meri.		mīue		♀		adde	
230	4	33	7	3	0	0	56	48	2	22	2	45	1	54	46	57	0	36
235	4	37	51	3	0	0	53	24	2	13	2	39	2	42	46	33	0	36
240	4	42	18	2	48	0	50	0	2	5	2	25	3	6	45	53	0	24
245	4	46	28	3	0	0	45	0	1	42	2	5	3	24	44	55	0	42
250	4	50	13	3	24	0	39	24	1	38	1	41	3	48	43	33	1	6
255	4	53	30	3	6	0	32	12	1	20	1	12	4	0	41	43	0	54
260	4	56	11	3	24	0	20	0	1	0	0	35	4	12	39	17	1	18
											sept.		adde					
265	4	58	11	3	48	0	15	12	0	38	0	2	4	48	36	11	1	42
270	4	59	27	4	12	0	5	0	0	12	0	47	5	18	32	21	2	12
	retrog̃d⁹					mīue			mīue									
274	4	59	47	4	48	0	3	0	0	7	1	36	5	0	28	36	2	6
275	4	59	44	4	30	0	7	24	0	18	1	41	5	36	27	32	2	36
280	4	59	7	4	12	0	20	0	0	50	1	39	5	24	21	49	2	30
285	4	57	27	4	30	0	29	12	1	13	3	40	4	48	15	4	2	54
290	4	55	1	4	24	0	34	36	1	26	4	42	4	48	7	35	3	0
															☉		mīue	
295	4	52	8	4	24	0	34	12	1	25	5	45	4	54	0	22	3	12
300	4	49	17	4	24	0	27	12	1	8	5	57	2	54	8	15	3	18
305	4	47	1	4	0	0	18	0	0	45	5	55	1	30	15	32	3	6
310	4	45	31	3	24	0	6	0	0	15	5	43	0	54	22	3	2	48
	directus					adde			adde				mīue					
315	4	45	1	3	6	0	5	24	0	13	5	25	0	6	27	32	2	36
320	4	45	28	2	36	0	16	12	0	40	5	6	1	24	32	3	2	18
325	4	46	49	2	24	0	25	24	1	3	4	42	2	0	35	40	2	18
330	4	48	56	1	42	0	33	0	1	22	4	11	1	54	38	30	1	48
335	4	51	41	1	6	0	38	36	1	36	3	40	2	24	40	41	1	24
340	4	54	54	0	54	0	44	12	1	50	3	8	3	54	42	22	1	24
345	4	58	35	0	54	0	48	12	2	0	2	56	3	0	43	35	1	30
350	5	2	36	0	36	0	52	12	2	10	1	50	3	12	44	27	1	24
355	5	6	57	0	6	0	54	24	2	16	1	20	3	36	44	58	1	6

5 0

	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		minue		☉		minue	
360	5	11	29	0	0	0	57	36	2	54	0	51	3	42	45	17	1	12
				minue														
365	5	16	17	0	24	0	58	48	2	27	0	22	3	6	45	20	1	0
											meri.		adde					
370	5	21	11	0	36	1	1	0	2	32	0	0	3	12	45	15	0	54
375	5	26	16	0	48	1	2	0	2	35	0	30	2	12	44	59	0	54
380	5	31	26	1	0	1	2	24	2	36	0	46	2	24	44	37	0	42
385	5	36	38	0	54	1	4	36	2	41	1	3	2	18	44	13	0	48
390	5	42	1	1	18	1	5	48	2	44	1	16	2	6	43	46	0	36
400	5	52	59	1	24	1	6	48	2	48	1	38	1	36	42	12	0	48
410	0	4	5	1	30	1	8	6	2	50	1	52	0	54	40	34	0	42
420	0	15	28	1	30	1	9	6	2	53	1	56	0	18	38	43	0	42
													minue					
430	0	26	59	1	36	1	9	42	2	54	1	53	0	12	36	42	0	30
440	0	38	36	1	42	1	10	18	2	56	1	43	0	48	34	36	0	24
450	0	50	19	1	36	1	11	0	2	57	1	26	0	54	32	23	0	24
460	1	2	9	1	12	1	11	36	2	59	1	5	1	12	30	6	0	30
470	1	14	5	1	18	1	12	0	3	0	0	43	1	12	27	44	0	18
480	1	26	5	1	6	1	12	30	3	1	0	21	1	30	25	20	0	6
											sept.		adde					
490	1	38	10	0	48	1	12	54	3	2	0	4	1	18	22	54	0	6
																	adde	
500	1	50	19	0	36	1	13	30	3	4	0	25	1	6	20	27	0	6
510	2	2	34	0	34	1	13	54	3	5	0	43	0	54	37	59	0	12
520	2	14	59	0	6	1	14	18	3	6	0	54	0	54	15	29	0	18
				adde														
530	2	27	16	0	6	1	14	36	3	7	1	5	0	30	13	0	0	24
540	2	39	42	0	30	1	15	6	3	8	1	9	0	24	10	30	0	30
													minue					
550	2	52	13	0	42	1	15	30	3	9	1	10	0	12	8	0	0	42
560	3	4	48	0	54	1	15	30	3	9	1	4	0	24	5	31	0	42
570	3	17	23	1	6	1	15	54	3	10	0	54	0	36	3	3	0	24
580	3	30	2	1	12	1	16	24	3	12	0	40	0	48	0	25	0	54
															♀		minue	
583	3	33	51	1	12				3	11	0	35	0	18	0	11	1	0

♀

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elōga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct'			minue		adde			adde		meri.		minue		☉		minue	
0	0	0	57	1	0	1	13	30	3	4	0	41	0	48	0	44	0	36
															♀		adde	
10	0	13	12	1	0	1	13	36	3	4	0	26	1	0	2	0	0	48
20	0	25	28	1	18	1	13	0	3	3	0	7	1	6	4	41	0	42
											sept.		adde					
30	0	37	38	1	18	51	13	12	3	3	0	10	1	24	7	20	0	54
40	0	49	50	1	18	1	12	54	3	2	0	32	1	6	10	1	0	54
50	1	1	59	1	12	1	12	54	3	2	0	51	1	0	12	19	0	54
60	1	14	8	1	12	1	12	48	3	2	1	8	0	36	15	41	1	0
70	1	26	16	1	6	1	12	42	3	2	1	21	0	24	17	57	0	54
													minue					
80	1	38	23	1	0	1	12	54	3	2	1	30	0	18	20	33	0	48
90	1	50	32	0	54	1	12	36	3	2	1	30	0	12	23	8	0	48
100	2	2	38	0	30	1	12	36	3	7	1	28	0	54	25	39	0	54
110	2	14	44	0	18	1	12	36	3	1	1	17	1	18	28	8	0	42
120	2	26	50	0	0	1	12	36	3	1	1	1	2	48	30	32	0	42
				adde														
130	2	38	56	0	18	1	12	24	3	1	0	38	1	54	32	54	0	42
140	2	51	0	0	36	1	12	12	3	0	0	12	1	54	35	11	0	36
											meri.		adde					
150	3	3	2	1	0	1	12	0	3	0	0	19	1	54	37	21	0	30
160	3	15	2	1	18	1	11	36	2	59	0	49	1	54	29	25	0	30
170	3	26	58	1	30	1	10	48	2	57	1	21	1	30	41	21	0	24
180	3	38	46	1	48	1	9	48	2	54	1	49	0	54	43	7	0	18
190	3	50	24	1	57	1	9	0	2	52	2	14	0	42	44	39	0	0
																	minue	
195	3	56	9	1	57	1	8	12	2	50	2	25	0	6	45	20	0	6
																	adde	
200	4	1	50	2	12	1	6	12	2	45	2	33	0	6	45	55	0	6
205	4	7	21	2	24	1	6	12	2	45	2	36	0	0	46	21	0	18
													minue					
210	4	12	52	1	12	1	4	48	2	42	2	42	0	48	46	45	0	6
215	4	18	16	2	24	1	3	12	2	38	2	45	1	12	47	3	0	6

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		minue		♀		adde	
220	4	23	32	2	42	1	1	48	2	34	2	41	1	30	47	12	0	18
225	4	28	41	2	30	0	59	12	2	28	2	38	2	12	47	14	0	12
230	4	33	37	2	30	0	56	48	2	22	2	26	2	18	47	3	0	12
235	4	38	21	2	54	0	53	0	2	12	2	12	2	30	46	39	0	18
240	4	42	46	2	54	0	50	24	2	6	1	54	3	6	45	57	0	36
245	4	46	58	2	24	0	45	48	1	54	1	31	3	24	45	2	0	12
250	4	50	47	2	36	0	38	48	1	37	1	3	4	6	43	44	0	24
255	4	54	1	2	54	0	32	48	1	23	0	32	5	6	41	52	1	48
											sept.		adde					
260	4	59	45	3	6	0	24	48	1	2	0	7	5	30	39	30	0	0
265	4	58	49	3	6	0	16	0	0	40	0	52	5	18	36	28	0	12
270	5	0	9	2	36	0	4	0	0	10	1	40	5	6	32	43	0	54
	retrog̃dᵒ					minue			minue									
275	5	0	29	2	48	0	8	0	0	20	2	27	4	12	27	58	1	12
280	4	59	45	2	48	0	19	24	0	48	3	33	4	6	22	14	1	24
285	4	58	12	3	6	0	29	24	1	13	4	28	4	18	15	33	1	54
290	4	55	45	3	12	0	34	36	1	26	5	30	5	42	8	5	2	0
295	4	52	52	3	24	0	39	12	1	25	6	34	3	54	0	10	2	30
															☉		minue	
300	4	50	1	2	42	0	28	0	1	10	6	26	2	6	7	42	2	6
305	4	47	41	2	30	0	19	12	0	48	6	10	0	54	15	1	2	6
													minue					
310	4	46	5	2	18	0	6	36	0	16	5	52	0	42	21	35	2	0
	Directus					adde			adde									
315	4	45	32	2	6	0	4	24	0	11	5	24	1	30	27	6	2	0
320	4	45	54	1	30	0	15	48	0	39	4	52	1	30	31	40	1	36
325	4	47	13	1	0	0	24	0	1	0	4	22	2	6	35	17	1	18
330	4	49	13	0	45	0	31	44	1	19	3	52	5	6	38	12	1	12
335	4	51	52	0	45	0	38	12	1	35	3	16	2	48	40	27	1	24
340	4	55	3	0	30	0	44	12	1	50	2	29	3	12	42	28	1	18
345	4	58	44	0	6	0	47	36	1	35	1	56	3	48	43	20	1	6
				minue														
350	5	2	42	0	6	0	51	12	2	8	1	18	4	0	44	13	1	6

Residuū ♀

5 10

	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̄	m̄	2	g̃	m̄	2	m̄	2	g̃	m̄	m̄	1	g̃	m̄	m̄	2
es	directus			minue		adde			adde		sept.		minue		☉		minue	
355	5	6	58	0	18	0	54	12	2	15	0	44	3	24	44	47	1	6
360	5	11	29	0	42	0	56	48	2	20	0	14	2	30	45	5	0	48
											meri.		adde					
365	5	16	13	0	54	0	58	24	2	26	0	9	2	54	45	10	0	42
370	5	21	5	0	54	1	0	36	2	31	0	32	2	42	45	6	0	48
375	5	26	8	1	0	1	1	36	2	34	0	52	2	42	44	50	0	42
380	5	31	16	1	12	1	2	36	2	46	1	10	2	12	44	30	0	42
385	5	36	29	1	30	1	3	48	2	39	1	26	2	0	44	4	0	36
390	5	41	48	1	18	1	5	42	2	44	1	37	1	48	43	30	0	48
400	5	52	45	1	24	1	6	42	2	47	1	54	1	12	42	0	0	42
410	0	3	52	1	30	1	8	6	2	50	2	1	0	30	40	27	0	36
420	0	15	13	1	36	1	9	0	2	52	1	59	0	6	48	36	0	30
													minue					
430	0	26	43	1	36	1	9	36	2	54	1	51	0	36	36	37	0	30
440	0	38	19	1	30	1	10	24	2	56	1	35	0	36	34	32	0	30
450	0	50	3	1	18	1	11	24	2	58	1	17	1	18	32	19	0	24
460	1	1	57	1	18	1	11	30	2	59	0	53	1	18	30	1	0	18
470	1	13	52	1	6	1	12	12	3	0	0	31	1	30	27	41	0	6
480	1	25	54	0	54	1	12	48	3	2	0	6	1	30	25	19	0	0
											sept.		adde				adde	
499	1	38	2	0	42	1	13	6	3	3	0	17	1	18	22	53	0	12
500	1	50	13	0	24	1	13	42	3	4	0	36	1	0	20	28	0	12
510	2	2	30	0	6	1	14	12	3	5	0	52	1	6	18	1	0	18
520	2	14	52	0	0	1	14	30	4	6	1	3	0	42	15	32	0	37
				adde														
530	2	27	17	0	30	1	15	0	3	7	1	10	0	36	13	4	0	30
													minue					
540	2	39	47	0	42	1	15	18	3	8	1	13	0	6	10	35	0	42
550	2	52	20	0	54	1	15	42	3	9	1	8	0	6	8	7	0	42
560	3	4	57	1	6	1	15	42	3	9	1	0	0	36	5	38	0	54
570	3	17	34	1	12	1	16	0	3	10	0	48	0	54	3	12	0	54
580	3	30	14	1	12	1	16	12	3	10	0	32	1	0	0	44	1	6
															♀		minue	
583	3	34	3	1	18				3	10	0	27	1	0	☉	1	1	0

♀

5 20

	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elõga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		meri.		miue		☉		miue	
0	0	0	47	1	6	1	13	30	3	4	0	33	1	6	0	34	0	42
															♀		adde	
10	0	13	2	1	12	1	13	18	3	3	0	16	1	6	2	8	0	48
											sept.		adde					
20	0	25	15	1	18	1	13	0	3	3	0	4	1	12	4	48	0	54
30	0	37	25	1	12	1	13	12	3	3	0	24	1	0	7	29	0	54
40	0	49	37	1	12	1	13	0	3	2	0	43	1	0	10	10	0	54
50	1	1	47	1	18	1	12	54	3	2	1	1	0	48	12	50	0	54
60	1	13	56	1	12	1	12	54	3	2	1	14	0	36	15	29	0	48
													miue					
70	1	26	5	1	0	1	12	48	3	2	1	25	0	6	18	6	0	48
80	1	38	13	0	48	1	13	0	3	2	1	27	0	6	20	41	0	54
90	1	50	23	0	36	1	13	0	3	2	1	27	0	48	23	16	0	48
100	2	2	33	0	24	1	12	48	3	2	1	19	1	18	25	48	0	42
110	2	14	41	0	0	1	12	54	3	2	1	4	1	36	28	15	0	42
				adde														
120	2	29	50	0	12	1	12	54	2	6	0	43	1	12	30	39	0	36
130	2	38	59	0	30	1	12	42	3	2	0	19	1	48	33	1	0	30
											merr.		adde					
140	2	51	6	0	54	1	12	36	3	1	0	7	1	48	35	17	0	24
150	3	3	12	1	6	1	12	18	3	1	0	38	1	30	37	26	0	18
160	3	15	15	1	18	1	11	48	2	59	1	8	1	24	39	30	0	12
170	3	27	13	1	36	1	11	36	2	58	1	36	1	0	41	25	0	6
																	miue	
180	3	39	4	1	48	1	10	0	2	55	1	58	1	0	43	10	0	6
190	3	50	44	2	6	1	8	48	2	52	2	21	0	23	44	30	0	0
195	3	56	28	2	0	1	8	48	2	52	2	26	0	6	45	19	0	0
													miue					
200	4	2	12	2	0	1	6	36	2	46	2	34	0	24	45	56	0	12
205	4	7	45	2	12	1	5	48	2	44	2	36	0	48	46	24	0	6
210	4	13	14	2	18	1	5	12	2	43	2	34	1	6	46	46	0	6
215	4	18	40	2	24	1	3	48	2	39	2	33	1	36	47	4	0	0
220	4	23	59	2	18	1	1	24	2	34	2	26	1	48	47	15	0	12
225	4	29	6	2	18	0	59	12	2	28	2	16	2	12	47	16	0	6

Residuū ♀

5 20

Di	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			adde		adde			adde		meri.		miue		♀		miue	
230	4	34	2	2	24	0	57	0	2	22	2	3	2	42	47	5	0	0
235	4	38	45	2	18	0	53	36	2	14	1	47	3	0	46	42	0	6
240	4	43	15	2	6	0	49	24	2	3	1	23	4	0	46	3	0	0
																	adde	
245	4	47	22	2	24	0	46	12	1	55	0	57	4	30	4	54	0	18
250	4	51	13	2	6	0	39	24	1	38	0	22	4	54	43	48	0	6
											sept.		adde					
255	4	54	30	2	18	0	33	12	1	23	0	19	4	24	42	0	0	24
260	4	57	16	1	48	0	28	48	1	2	1	2	4	12	39	40	0	6
265	4	59	20	1	42	0	15	0	0	39	1	45	4	0	36	40	0	6
270	5	0	35	1	30	0	4	24	0	11	2	31	4	6	32	52	0	6
	retrogd⁹					miue			miue									
275	5	0	57	1	36	0	8	0	0	20	3	19	4	12	28	10	0	24
280	5	0	17	2	6	0	18	48	0	47	4	14	3	54	22	28	1	0
285	4	58	43	1	48	0	29	12	1	13	5	11	3	6	15	52	0	54
290	4	56	17	1	36	0	34	12	1	25	6	7	2	54	8	26	1	0
295	4	53	26	1	18	0	35	36	1	19	7	3	2	0	0	35	0	54
															☉		miue	
300	4	50	28	1	36	0	28	12	1	10	6	47	0	6	7	21	1	18
													miue					
305	4	48	6	1	24	0	19	36	0	49	6	19	0	54	14	40	1	18
310	4	46	28	1	12	0	7	0	0	17	5	45	1	0	21	15	1	18
315	4	45	53	0	42	0	1	0	0	2	5	9	1	48	26	46	1	0
	Directus					adde			adde									
316	4	45	52	1	3	0	4	15	0	11	5	0	1	48	27	46	0	54
120	4	46	9	0	27	0	14	48	0	37	4	37	2	48	31	24	0	54
325	4	47	23	0	27	0	23	24	0	58	4	1	3	6	35	4	1	6
330	4	49	20	0	24	0	32	0	1	20	3	21	4	0	38	0	1	12
335	4	52	0	0	6	0	37	36	1	34	2	28	4	0	40	13	1	6
				miue														
340	4	55	8	0	12	0	43	24	1	48	1	57	4	30	41	55	1	0
345	4	58	45	0	30	0	47	12	1	54	1	18	3	42	43	9	0	54
350	5	2	41	0	48	0	50	48	2	7	0	38	2	42	44	2	0	42
355	5	6	55	1	6	0	53	24	2	13	0	10	3	36	44	36	0	30

Residuū ♀

5 20

Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Eloḡa.		Eq̃tio	
es	Directus			minue		adde			adde		meri.		adde		☉		minue	
360	5	11	22	1	6	0	56	24	2	21	0	11	3	24	44	58	0	36
365	5	16	4	1	12	0	58	24	2	26	0	38	3	0	45	3	0	36
370	5	20	56	1	18	1	0	24	2	31	0	59	3	6	44	43	0	42
375	5	25	58	1	18	1	1	12	2	33	1	19	2	18	44	43	0	42
380	5	31	4	1	36	1	2	0	2	35	1	32	2	18	44	23	0	30
385	5	36	14	1	24	1	4	12	2	40	1	46	1	48	43	58	0	42
390	5	41	35	1	30	1	5	36	2	44	1	55	1	30	43	22	0	36
400	5	52	31	1	48	1	6	36	2	46	2	6	0	36	41	57	0	18
410	0	3	37	1	36	1	8	0	2	50	2	6	0	12	40	21	0	30
													minue					
420	0	14	57	1	42	1	9	0	2	52	2	0	0	36	38	31	0	24
430	0	26	27	1	36	1	9	42	2	54	1	45	0	36	36	32	0	18
440	0	38	4	1	24	1	10	36	2	56	1	29	0	30	34	27	0	18
450	0	49	50	1	18	1	11	24	2	58	1	4	1	18	32	15	0	18
460	1	1	44	1	12	1	11	42	2	59	0	40	1	24	29	58	0	0
470	1	13	41	0	54	1	12	24	3	1	0	16	1	36	27	40	0	0
											sept.		adde				adde	
480	1	25	45	0	36	1	13	0	3	2	0	9	1	24	25	19	0	6
490	1	37	55	0	30	1	13	24	3	3	0	30	1	6	22	55	0	18
500	1	50	9	0	6	1	14	0	3	5	0	46	1	12	20	30	0	18
				adde														
510	2	2	29	0	12	1	14	36	3	6	1	3	0	48	18	4	0	24
520	2	14	52	0	30	1	15	0	3	7	1	10	0	42	15	38	0	30
530	2	27	22	0	36	1	15	12	3	8	1	16	0	0	13	9	0	48
540	2	39	54	0	48	1	15	30	3	9	1	12	0	0	10	42	0	54
													minue					
550	2	52	29	1	0	1	15	54	3	10	1	7	0	36	8	14	1	0
260	3	5	8	1	0	1	15	48	3	10	0	54	0	54	5	47	1	0
570	3	17	46	1	18	1	16	0	3	10	0	39	1	0	3	21	1	0
580	3	30	26	1	30	1	16	36	3	11	0	22	1	6	0	55	0	54
583	3	34	16	1	24				3	11	0	17	1	6	0	9	1	6

♀

5 30

Di-	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elōga.		Eq̃tio	
	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			mīue		adde			adde		meri.		mīue		☉		mīue	
0	0	0	36	1	12	1	13	24	3	3	0	22	1	0	0	27	0	48
															♀		adde	
10	0	12	50	1	18	1	13	12	3	3	0	5	1	18	2	16	0	54
											sept.		adde					
20	0	25	2	1	15	1	13	6	3	3	0	16	1	0	4	57	0	54
30	0	37	13	1	15	1	13	12	3	3	0	34	1	0	7	38	0	54
40	0	49	25	1	15	1	12	54	3	2	0	53	0	42	10	19	0	54
50	1	1	34	1	6	1	13	0	3	2	1	9	0	36	10	19	0	54
60	1	13	44	1	0	1	13	6	3	2	1	20	0	0	15	37	0	48
70	1	25	55	0	54	1	13	0	3	2	1	24	0	0	18	14	0	48
													mīue					
80	1	38	5	0	36	1	13	12	3	3	1	26	0	36	20	50	0	48
90	1	50	17	0	18	1	13	12	3	3	1	20	1	6	23	24	0	48
100	2	2	29	0	0	1	13	12	3	3	1	6	1	18	25	55	0	36
				adde														
110	2	14	41	0	12	1	13	6	3	3	0	48	1	36	28	22	0	36
120	2	26	53	0	30	1	13	12	3	3	0	26	1	42	30	45	0	30
130	2	39	4	0	48	1	13	6	3	3	0	1	1	36	33	6	0	18
											meri.		adde					
140	2	51	15	1	6	1	12	48	3	2	0	25	1	48	35	21	0	18
150	3	3	23	1	24	1	12	30	3	1	0	53	1	42	37	29	0	12
160	3	15	28	1	42	1	12	6	3	0	1	22	1	12	39	23	0	0
																	mīue	
170	3	27	29	1	48	1	11	18	2	58	1	46	1	6	41	26	0	6
180	3	39	22	2	6	1	10	18	2	56	2	8	0	30	43	9	0	0
													mīue					
190	3	51	5	1	48	1	8	48	2	52	2	25	0	6	44	40	0	18
195	3	56	49	2	0	1	8	36	2	51	2	27	0	24	45	19	0	18
200	4	2	32	2	0	1	7	0	2	48	2	30	1	6	45	54	0	18
205	4	8	7	2	0	1	6	0	2	45	2	28	1	12	46	23	0	24
210	4	13	37	2	0	1	5	24	2	42	2	23	1	24	46	45	0	24
215	4	19	4	1	54	1	3	36	2	38	2	17	1	48	47	4	0	24
220	4	24	22	1	54	1	1	24	2	34	2	8	2	36	47	13	0	18
225	4	29	29	1	48	0	59	24	2	28	1	54	3	6	47	13	0	18

Residuũ ♀

ſ 30

Di	Locus			Eq̃tio		ad Di.			ad ho		Lati:		Eq̃tio		Eloga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		minue		♀		minue	
230	4	34	26	1	48	0	58	24	2	26	1	36	3	24	47	5	0	18
235	4	39	8	1	54	0	55	36	2	19	1	17	3	48	46	41	0	12
240	4	43	36	1	36	0	50	0	2	5	0	43	3	48	46	3	0	24
245	4	47	46	1	24	0	45	36	1	54	0	12	4	0	45	7	0	30
											sept.		adde					
250	4	51	34	1	18	0	39	48	1	39	0	27	3	54	43	49	0	24
255	4	54	53	0	48	0	32	12	1	20	1	3	3	24	42	4	0	42
260	4	54	34	0	36	0	24	36	1	1	1	44	3	6	39	41	0	42
265	4	59	37	0	48	0	14	36	0	36	2	25	3	36	46	41	0	24
270	5	0	50	1	0	0	4	36	0	11	3	12	3	36	32	53	0	6
	retrogđ					minue			minue									
275	5	1	13	0	42	0	7	0	0	17	4	1	2	36	28	14	0	12
280	5	0	38	0	12	0	19	24	0	48	4	53	2	6	22	38	0	24
285	4	59	1	0	6	0	29	36	1	14	5	42	2	30	16	1	0	18
290	4	56	33	0	24	0	36	48	1	27	6	36	0	54	8	38	0	0
													minue				adde	
295	4	53	39	0	24	0	35	0	1	27	7	23	0	6	0	44	0	18
															☉			
300	4	50	44	0	12	0	28	48	1	12	6	48	0	12	7	8	0	18
				minue														
305	4	48	20	0	24	0	20	0	0	50	6	10	1	12	14	27	0	0
310	4	46	40	0	18	0	8	0	0	20	5	35	3	36	21	7	0	18
315	4	46	0	0	0	0	3	0	0	7	4	51	2	42	26	36	0	36
	directus					adde			adde									
317	4	45	54	0	0	0	6	20	0	16	4	36	2	42	28	39	0	42
320	4	46	13	0	0	0	15	0	0	37	4	9	3	0	31	15	0	48
325	4	47	28	0	24	0	23	12	0	51	3	30	4	48	34	53	0	36
330	4	49	24	0	36	0	31	24	1	18	2	41	4	54	37	48	0	36
335	4	53	1	0	54	0	37	0	1	32	1	58	4	6	40	2	0	30
340	4	55	6	1	0	0	42	48	1	47	1	12	3	6	41	45	0	30
345	4	58	40	1	12	0	46	36	1	56	0	41	3	12	43	0	0	24
350	5	2	33	1	18	0	50	12	2	5	0	11	9	54	43	55	0	24

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct'			minue		adde			adde		meri.		adde		☉		minue	
355	5	6	44	1	24	0	53	24	2	13	0	21	3	24	44	31	0	24
360	5	11	11	1	24	0	56	12	2	20	0	45	3	30	44	51	0	30
365	5	15	52	1	36	0	58	12	2	25	1	8	2	42	44	57	0	24
370	5	20	43	1	45	1	0	24	2	31	1	30	2	12	44	52	0	24
375	5	25	45	1	48	1	0	36	2	32	1	42	2	6	44	36	0	24
380	5	30	48	1	39	1	2	24	2	36	1	55	1	42	44	18	0	36
385	5	36	0	1	39	1	4	0	2	40	2	4	1	12	43	51	0	30
390	5	41	20	1	48	1	5	18	2	43	2	10	0	54	43	16	0	24
400	5	52	13	1	48	1	6	48	2	47	2	12	0	12	41	54	0	24
													minue					
410	0	3	21	1	48	1	7	54	2	50	2	8	0	24	40	16	0	18
420	0	14	40	1	42	1	9	6	2	53	1	54	0	30	38	27	0	12
430	0	26	11	1	30	1	9	54	2	55	1	39	1	30	36	29	0	12
440	0	37	30	1	36	1	10	42	2	57	1	14	1	18	34	24	0	0
450	0	44	37	1	12	1	11	30	2	59	0	51	1	42	32	12	0	0
																	adde	
460	1	1	32	1	0	1	12	0	3	0	0	26	1	48	29	58	0	6
											sept.		adde					
470	1	13	32	0	42	1	12	42	3	2	0	0	1	24	27	40	0	12
480	1	25	39	0	36	1	13	6	3	3	0	23	1	12	25	20	0	24
490	1	37	50	0	6	1	13	48	3	4	0	41	1	24	22	58	0	12
				adde														
500	1	50	8	0	6	1	14	18	3	6	0	58	1	0	20	33	0	30
510	2	2	31	0	24	1	14	36	3	6	1	11	0	42	18	8	0	36
520	2	14	57	0	36	1	15	6	3	8	1	17	0	12	15	43	0	48
530	2	27	28	0	48	1	15	24	3	8	1	16	0	0	13	17	0	54
													minue					
540	2	40	2	1	0	1	15	42	3	9	1	12	0	24	10	51	0	54
550	2	52	39	1	12	1	16	0	3	10	1	1	0	42	8	24	0	54
560	3	5	19	1	18	1	16	0	3	10	0	45	0	54	5	57	1	0
570	3	17	59	1	24	1	16	12	3	10	0	29	0	54	3	31	1	0
580	3	30	41	1	18	1	16	12	3	11	0	11	0	54	1	7	1	0
583	3	34	30	1	18				3	11	0	6	1	6	0	20	0	54

♀

Di	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
es	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	directus			minue		adde			adde		meri.		minue		☉		minue	
0	0	0	24	1	12	1	13	18	3	3	0	12	1	12	0	19	1	0
											scpt.		adde		♀		adde	
10	0	12	37	1	12	1	13	18	3	3	0	8	1	0	2	25	0	54
20	0	24	50	1	12	1	13	6	3	3	0	26	1	0	5	6	0	54
30	0	37	1	1	18	1	13	6	3	3	0	44	0	48	7	47	0	54
40	0	49	12	1	6	1	13	6	3	3	1	0	0	54	10	28	0	54
50	1	1	23	1	0	1	13	6	3	3	1	15	0	6	13	8	0	48
60	1	13	34	0	48	1	13	12	3	3	1	20	0	12	15	45	0	54
													minue					
70	1	25	46	0	36	1	13	18	3	3	1	24	0	24	18	22	0	48
80	1	37	59	0	18	1	13	30	3	4	1	20	1	0	20	58	0	42
90	1	50	14	0	6	1	13	30	3	4	1	10	1	24	23	32	0	30
				adde														
100	2	2	29	0	6	1	13	24	3	4	0	53	1	24	26	1	0	30
110	2	14	43	0	24	1	13	24	3	4	0	32	1	36	28	28	0	24
120	1	26	57	0	42	1	13	24	3	4	0	9	1	36	30	50	0	12
											meri.		adde					
130	2	39	12	1	0	1	13	24	3	4	0	15	1	48	33	9	0	12
140	2	51	26	1	12	1	13	36	3	3	0	43	1	36	35	24	0	0
150	3	3	37	1	36	1	12	48	3	2	1	10	1	12	37	31	0	6
																	minue	
160	3	15	49	1	36	1	12	36	3	0	1	34	1	12	39	32	0	6
170	3	27	47	1	54	1	11	12	2	59	1	57	0	42	41	25	0	12
180	3	39	43	1	36	1	10	0	2	55	2	13	0	0	43	9	0	30
													minue					
190	3	51	23	2	0	1	9	12	2	53	2	24	0	48	44	37	0	24
195	3	57	9	2	0	1	8	36	2	51	2	23	1	0	45	16	0	24
200	4	2	52	1	54	1	7	0	2	47	2	19	1	6	45	51	0	30
205	4	8	27	1	15	1	6	0	2	45	2	16	1	36	46	19	0	30
210	4	13	57	1	15	1	5	12	2	43	2	9	2	6	46	41	0	24
215	4	19	23	1	42	1	3	36	2	39	1	59	2	56	47	0	0	30
220	4	24	41	1	36	1	1	12	2	33	1	42	2	42	47	10	0	30
225	4	29	47	1	36	0	59	24	2	28	1	23	2	48	47	11	0	30

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			adde		adde			adde		meri.		minue		♀		minue	
230	4	34	44	1	24	0	56	36	2	21	1	2	3	6	47	2	0	36
235	4	39	27	1	24	0	53	0	1	12	0	39	3	18	46	39	0	30
240	4	43	52	1	6	0	49	36	2	4	0	5	2	54	45	59	0	36
											sept.		adde					
245	4	48	0	0	48	0	45	24	1	53	0	28	3	0	45	2	0	42
250	4	51	47	0	36	0	38	48	1	37	1	6	2	54	43	45	0	48
255	4	55	17	0	27	0	31	48	1	19	1	37	2	12	41	57	0	48
260	4	57	40	0	27	0	28	0	1	2	2	15	4	0	39	34	0	36
265	4	59	45	0	6	0	15	0	0	37	3	1	3	30	36	37	0	48
270	5	1	0	0	24	2	5	30	1	14	3	43	3	24	32	52	1	0
	retrogd'					minue			minue									
274	5	1	22	0	36	0	2	0	0	5	4	25	3	0	29	14	1	0
275	5	1	20	0	42	0	8	0	0	20	4	37	2	48	28	12	1	6
280	4	0	40	0	36	0	19	36	0	39	5	14	1	36	22	38	0	54
285	4	59	2	0	54	0	29	0	1	12	6	7	0	42	15	58	-1	0
290	4	56	37	1	0	0	34	48	1	27	6	45	0	30	8	37	0	54
				minue									minue					
295	4	53	43	1	36	0	35	24	1	28	7	22	0	30	0	47	1	12
															⊙		adde	
300	4	50	46	1	30	0	30	0	1	15	6	45	2	12	7	5	0	54
305	4	48	16	0	54	0	19	12	0	48	5	58	3	6	14	27	0	18
310	4	46	37	1	6	0	7	24	0	18	5	9	2	36	20	59	0	18
315	4	46	0	1	12	0	3	0	0	7	4	24	3	54	26	30	0	12
	Direct'					adde			adde									
317	4	45	54	0	48	0	6	24	0	16	4	9	4	36	28	32	0	6
320	4	46	13	1	12	0	14	12	0	35	3	35	6	12	31	7	0	0
325	4	47	24	1	18	0	22	48	0	57	2	42	4	24	34	47	0	6
330	4	49	18	1	36	0	30	48	1	17	1	52	3	18	37	42	0	0
335	4	51	52	1	30	0	36	48	1	32	1	17	3	48	39	57	0	6
340	4	54	56	1	36	2	42	24	1	46	0	41	3	42	41	40	0	6
345	4	58	28	1	42	0	46	24	1	56	0	9	4	18	42	56	0	6
											meri.		adde					
350	5	2	20	1	42	0	50	0	2	5	0	28	3	48	43	51	0	12

Residuū ♀

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	Locus			Eq̄tio		ad Di.			ad ho		Latit.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	D	irectus		mīue		adde			adde		meri.		adde		☉		adde	
355	5	6	30	1	42	0	53	24	2	13	0	55	3	30	44	27	0	18
360	5	10	57	1	54	0	55	48	2	19	1	20	2	24	44	46	0	12
365	5	15	36	1	54	0	58	0	2	25	1	35	2	36	44	53	0	18
370	5	20	26	1	42	1	0	12	2	30	1	52	2	0	44	48	0	24
375	5	25	27	1	48	1	1	0	2	32	2	3	1	36	44	32	0	18
380	5	30	32	1	54	1	2	12	2	35	2	12	1	6	44	13	0	18
385	5	35	43	1	54	1	3	48	2	39	2	16	0	54	43	46	0	12
390	5	41	2	1	54	1	5	18	2	42	2	19	0	24	43	12	0	12
400	5	51	55	1	48	1	6	48	2	47	2	14	0	0	41	50	0	18
													mīue					
410	0	3	3	1	48	1	8	0	2	50	2	4	0	24	40	13	0	12
420	0	14	23	1	30	1	9	18	2	53	1	49	1	24	38	25	0	12
430	0	25	56	1	30	1	9	48	2	54	1	24	1	12	36	27	0	6
440	0	37	54	1	12	1	11	6	2	58	1	1	1	42	34	24	0	0
450	0	49	25	0	54	1	11	42	2	59	0	34	1	24	32	12	0	6
460	1	1	22	0	48	1	12	18	3	1	0	8	1	30	29	59	0	18
											sept.		adde					
470	1	13	25	0	36	1	12	48	3	2	0	14	1	30	27	42	0	24
480	1	25	33	0	6	1	13	36	3	4	0	35	1	30	25	24	0	18
490	1	37	49	0	0	1	14	0	3	5	0	55	1	6	23	1	0	36
				adde														
500	1	50	9	0	18	1	14	36	3	6	1	8	1	6	20	38	0	42
510	2	2	35	0	30	1	14	48	3	7	1	18	0	24	18	14	0	48
520	2	15	3	0	48	1	15	18	3	8	1	19	0	12	15	51	0	48
													mīue					
530	2	27	37	1	6	1	15	36	3	9	1	16	0	18	13	26	0	54
540	2	40	12	1	12	1	15	54	3	10	1	8	0	48	11	0	1	0
550	2	52	51	1	18	1	16	6	3	10	0	54	0	48	8	33	1	0
560	3	5	32	1	24	1	16	6	3	10	0	36	0	54	6	7	1	0
570	3	18	13	1	24	1	16	6	3	10	0	20	1	0	3	41	0	54
580	3	30	54	1	18	1	16	12	3	10	0	2	1	12	1	14	0	54
											meri.		adde					
583	3	34	43	1	12				3	10	0	5	1	6	0	29	1	0

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elōga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Direct⁹			minue		adde			adde		sept.		adde		☉		minue	
0	0	0	12	1	12	1	13	18	3	3	0	0	1	0	0	0	0	54
															♀		adde	
10	0	12	25	1	12	1	13	18	3	3	0	18	1	0	2	34	0	54
20	0	24	38	1	18	1	13	0	3	3	0	36	0	48	5	15	0	54
30	0	36	48	1	12	1	13	18	3	3	0	52	1	0	7	56	0	48
40	0	49	1	1	0	1	13	12	3	3	1	9	0	12	10	37	0	48
50	1	1	13	0	54	1	13	18	3	3	1	16	0	6	13	16	0	42
													minue					
60	1	13	26	0	42	1	13	24	3	4	1	22	0	18	15	54	0	42
70	1	25	40	0	18	1	13	36	3	4	1	20	0	54	18	30	0	42
80	1	37	56	0	6	1	13	42	3	4	1	10	1	0	21	5	0	30
				adde														
90	1	50	13	0	6	1	13	42	3	4	0	56	1	24	23	37	0	30
100	2	2	30	0	24	1	13	42	3	4	0	39	1	30	26	6	0	18
110	2	14	47	0	42	1	13	42	3	4	0	17	1	30	28	32	0	12
											meri.		adde					
120	2	27	4	1	6	1	13	48	3	4	0	7	1	42	30	52	0	18
130	2	39	22	1	12	1	13	36	3	4	0	33	1	30	33	11	0	0
140	2	51	38	1	30	1	13	30	3	4	0	59	1	12	35	24	0	0
																	minue	
150	3	3	53	1	36	1	12	48	3	2	1	22	1	24	37	32	0	18
160	3	16	1	1	42	1	12	30	3	1	1	46	0	36	39	31	0	24
170	3	28	6	1	42	1	12	18	2	58	2	4	0	12	41	23	0	30
													minue					
180	3	39	59	2	0	1	10	24	2	56	2	13	0	24	43	4	0	24
190	3	51	43	1	48	1	9	12	2	53	2	16	1	0	44	33	0	36
195	3	57	29	1	42	1	8	24	2	51	2	13	1	18	45	12	0	42
200	4	3	11	1	42	1	6	48	2	47	2	8	1	42	45	46	0	36
205	4	8	45	1	42	1	6	12	2	45	2	0	0	6	46	14	0	30
210	4	14	16	1	24	1	6	48	2	42	1	48	2	12	46	47	0	42
215	4	19	40	1	24	1	3	24	2	38	1	33	2	12	46	55	0	42
220	4	24	57	1	18	1	1	12	2	33	1	15	2	48	47	5	0	42
225	4	30	3	1	6	0	59	0	2	27	0	55	3	6	47	6	0	48
230	4	34	58	0	54	0	56	36	2	21	0	31	3	12	46	56	0	54

Reſiduũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		mĩue		♀		mĩue	
235	4	39	42	0	36	0	52	24	2	11	0	6	3	12	46	34	1	0
											ſept.		adde					
240	4	44	3	0	18	0	49	0	2	2	0	24	3	18	45	53	1	6
245	4	48	8	0	6	0	45	0	1	52	0	58	3	42	44	55	1	6
				mĩue														
250	4	51	53	0	12	0	38	24	1	36	1	35	3	54	43	37	1	12
255	4	55	5	0	18	0	32	0	1	20	1	59	5	18	41	49	1	12
260	4	57	45	0	42	0	29	12	1	0	2	55	3	12	39	28	1	18
265	4	59	46	1	6	0	14	0	0	35	3	36	3	0	36	29	1	30
270	5	0	56	1	12	0	5	0	0	12	4	17	2	0	32	42	1	30
	retrog̃dꝰ					mĩne			mĩue									
274	5	1	16	1	42	0	3	0	0	7	4	55	1	18	29	4	1	24
275	5	1	13	1	36	0	7	48	0	19	4	55	1	36	28	1	1	42
280	5	0	34	2	54	0	20	12	0	50	5	30	1	18	22	25	1	48
285	0	58	53	2	18	0	29	12	1	13	6	14	0	24	15	48	1	54
290	0	56	27	2	48	0	36	0	1	30	6	50	1	24	8	28	2	12
													mĩue					
295	4	53	27	2	12	0	35	12	1	18	0	17	2	48	0	35	1	36
															☉		adde	
300	4	50	31	2	18	0	28	48	1	12	6	23	2	54	7	14	1	30
305	4	48	7	2	18	0	20	12	0	50	5	27	3	12	14	30	1	18
310	4	46	26	2	12	0	7	36	0	19	4	43	4	45	21	2	1	0
315	4	45	48	2	12	0	1	0	0	2	3	45	5	30	26	32	0	48
	Directus					adde			adde									
318	4	45	45	2	12	0	8	0	0	20	3	12	4	48	29	32	0	42
320	4	46	1	2	18	0	14	0	0	35	2	37	3	24	31	7	0	42
325	4	47	11	2	18	0	22	12	0	55	1	58	4	0	34	46	0	36
330	4	49	2	2	18	0	31	0	1	18	1	19	4	0	37	42	0	36
335	4	51	37	2	12	0	36	36	1	31	0	39	4	6	39	56	0	24
340	4	54	40	2	6	0	40	12	1	45	0	4	4	48	41	39	0	12
											meri.		adde					
345	4	58	11	2	6	0	46	24	1	56	0	34	4	0	42	55	0	6
350	5	2	3	2	6	0	50	0	2	5	1	6	3	0	43	49	0	0
355	5	6	12	2	12	0	53	0	2	12	1	30	2	30	44	24	0	0

Residuũ ♀

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			minue		adde			adde		meri.		adde		☉		minue	
360	5	10	38	2	0	0	55	48	2	19	1	44	2	36	44	44	0	6
365	5	15	17	2	0	0	58	24	2	26	2	1	1	54	44	50	0	6
370	5	20	9	2	6	1	0	0	2	30	2	12	1	36	44	44	0	6
375	5	25	9	2	6	1	0	48	2	32	2	19	1	12	44	29	0	0
																	adde	
380	5	30	13	2	12	1	2	12	2	35	2	23	0	36	44	19	0	6
																	minue	
385	5	35	24	2	6	1	3	48	2	39	2	25	0	30	43	44	0	6
390	5	40	43	1	54	1	5	24	2	43	2	23	0	18	43	10	0	12
													minue					
400	5	51	37	1	54	1	6	48	1	47	2	14	0	24	41	47	0	0
																	adde	
410	0	2	45	1	30	1	8	18	2	51	2	0	1	18	40	11	0	6
420	0	14	8	1	30	1	9	18	2	53	1	35	1	6	38	23	0	0
																	minue	
430	0	25	41	1	24	1	10	6	2	55	1	12	1	42	36	26	0	12
440	0	37	22	1	0	1	11	24	2	58	0	44	1	42	34	24	0	12
450	0	49	16	0	54	1	11	48	2	59	0	20	22	0	32	13	0	18
											sept.		adde					
460	1	1	14	0	30	1	12	30	3	1	0	7	1	36	30	2	0	18
470	1	13	19	0	12	1	13	18	3	3	0	29	1	42	27	46	0	24
480	1	25	32	0	6	1	13	42	3	4	0	50	1	24	25	27	0	42
				adde														
490	1	37	49	0	18	1	14	18	3	6	1	6	1	18	23	7	0	42
500	1	50	12	0	36	1	14	48	3	7	1	19	0	30	20	45	0	48
510	2	2	40	0	54	1	15	6	3	8	1	22	0	18	18	22	0	48
													minue					
520	2	15	11	1	6	1	15	36	3	9	1	21	0	12	15	59	0	54
530	2	27	47	1	12	1	15	42	3	9	1	13	0	24	13	35	0	54
540	2	40	24	1	18	1	16	0	3	10	1	0	0	30	11	10	1	0
550	2	53	4	1	24	1	16	12	3	10	0	46	1	0	8	43	1	0
560	3	5	46	1	18	1	16	6	3	10	0	27	1	0	6	17	1	0
570	3	18	27	1	18	1	16	0	3	10	0	10	1	24	3	50	0	54
											meri.		adde					
580	3	31	7	1	12	1	16	0	3	10	0	10	1	12	1	23	0	54
583	3	34	55	1	12				3	10	0	16	1	0	0	39	0	48

ℭ Tabula radicū Mercurij in annis collectis.

Anni	Supatio di.	ho.	m̄	motus S	g̃	m̄
40	9	7	26	5	51	7
80	18	14	51	5	42	14
120	27	22	17	5	33	21
160	37	5	42	5	24	28
200	46	13	8	5	15	35
240	55	20	33	5	6	43
280	56	3	59	4	57	50
320	74	11	24	4	48	57
360	83	18	50	4	40	4
400	93	2	16	4	31	11
440	102	9	41	4	22	18
480	111	17	7	4	13	25
520	5	3	27	5	58	45
560	14	10	53	5	48	52
600	23	18	18	5	40	59
640	33	1	44	5	32	6
680	42	9	6	5	23	13
720	51	16	35	5	14	20
760	61	0	1	5	5	28
800	70	7	26	4	56	35
840	79	14	52	4	47	42
880	88	22	17	4	38	49
920	98	5	43	4	29	56
960	107	13	8	4	21	3
1000	0	23	29	0	6	23
1040	10	6	54	5	57	30
1080	19	14	20	5	48	37
1120	28	21	46	5	39	44
1160	38	5	11	5	30	51
1200	47	12	37	5	21	58
1240	56	20	2	5	13	5
1280	66	3	28	5	4	13
1320	76	10	53	4	55	20
1360	84	18	19	4	46	27
1400	94	1	45	4	37	34
1440	103	9	10	4	28	41
1480	112	16	36	4	19	48
1520	6	2	56	0	5	8
1560	15	10	22	5	56	15
1600	24	17	47	5	47	22
1640	34	1	13	5	38	29
1680	43	8	38	5	29	36
1720	52	16	4	5	20	43
1760	61	23	30	5	11	50
1800	71	6	55	5	2	58
1840	80	14	21	4	54	5
1880	89	21	44	4	45	12
1920	99	5	12	4	36	19
1960	108	12	37	4	27	26
2000	1	22	58	0	12	46

ℭ Tabule radicum ☿ in annis expansis.

Anni	Supatio di.	ho.	m̄	motus S	g̃	m̄
1	17	8	45	5	42	39
2	34	17	30	5	25	17
3	52	2	15	5	7	56
4	70	11	0	4	50	35
5	87	19	44	4	33	14
6	105	4	29	4	15	52
7	6	16	9	4	52	44
8	25	0	54	5	35	23
9	42	6	37	5	18	2
10	59	18	24	5	0	40
11	77	3	9	4	43	19
12	95	11	54	4	25	58
13	112	20	39	4	8	37
14	14	8	18	5	45	28
15	31	17	3	5	28	7
16	50	1	48	5	10	46

Residuũ tabule radicũ ☿

ĩ ãnis expã.	Supatio Di.	ho	m̃	motus S	g	m̃
17	67	10	33	4	53	24
18	84	19	18	4	36	3
19	102	4	3	4	18	42
20	4	15	43	4	55	34
21	22	0	28	5	38	12
22	39	9	13	5	20	51
23	56	17	57	5	3	30
24	75	2	42	4	46	9
25	92	11	27	4	28	47
26	190	20	12	4	11	26
27	11	7	52	5	48	18
28	29	16	37	5	30	56
29	47	1	22	5	13	35
30	64	10	7	4	56	14
31	81	18	52	4	38	53
32	100	3	36	4	21	31
33	1	15	16	5	58	23
34	19	0	1	5	41	2
35	36	8	46	5	23	40
36	54	17	31	5	6	19
37	72	2	16	4	48	58
38	89	11	1	4	31	37
39	106	19	46	4	14	15
40	9	7	26	5	51	7

Radices ☿

	Di	ho	m̃	S	g	m̃
xvii	14	13	19	4	23	57
1400	108	15	3	3	1	31
1440	2	1	24	4	46	51

Tabella brevis

Dies Di	minue ho	m̃	mot' adde S	g	m̃
115	21	5	1	54	13
231	18	10	3	48	26
347	15	15	5	42	39
463	12	20	1	36	52

Tabula medij motus ☿

in mensibus

mẽses	nõ bisexti. Di	ho	m̃	bisextil. Di	ho	m̃	motus S	g	m̃
Ja.	31	0	0	31	0	0	0	0	0
Fe.	59	0	0	60	0	0	0	0	0
mar.	90	0	0	91	0	0	0	0	0
Ap.	4	2	55	5	2	55	1	54	13
mai.	35	2	55	36	2	55	1	54	13
Ju.	65	2	55	66	2	55	1	54	13
Jul.	96	2	55	97	2	55	1	54	13
Au.	11	5	50	12	5	50	3	48	26
Se.	41	5	50	42	5	50	3	48	26
Oct.	72	5	50	73	5	50	3	48	26
No.	102	5	50	103	5	50	3	48	26
decẽ.	17	8	45	18	8	45	5	42	39

in diebus

Di.	S	g	m̃	2
700	0	0	0	0
600	0	0	0	0
500	0	0	0	0
400	0	0	0	0
300	0	0	0	0
200	0	0	0	0
100	5	40	40	14
90	4	39	36	12
80	4	38	32	11
70	3	37	28	10
60	3	6	24	8
50	2	35	20	7
40	2	4	16	6
30	1	33	12	4
20	1	2	8	3
10	0	31	4	1
9	0	27	57	37
8	0	24	51	13
7	0	21	44	49
6	0	18	38	25
5	0	15	32	1

in diebus

Di.	S	g	m̃	2
4	0	12	25	37
3	0	9	19	12
2	0	6	12	48
1	0	3	6	24

in horis

ho.	S	g	m̃	2
1	0	0	7	46
2	0	0	15	32
3	0	0	23	18
4	0	0	31	4
5	0	0	38	50
6	0	0	46	36
7	0	0	54	22
8	0	1	2	8
9	0	1	9	54
10	0	1	17	40
11	0	1	25	26
12	0	1	33	12
13	0	1	40	58
14	0	1	48	44
15	0	1	56	30
16	0	2	4	16
17	0	2	12	2
18	0	2	19	44
19	0	2	27	34
20	0	2	35	20
21	0	2	43	6
22	0	2	50	52
23	0	2	58	38
24	0	3	6	24
25	0	3	14	10
26	0	3	21	56
27	0	3	29	42
28	0	3	37	28
29	0	3	49	19
30	0	3	53	0

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		meri.		adde		☿		minue	
0	0	0	0	2	6	1	43	20	4	16	0	45	1	42	1	56	3	24
3	0	5	7	1	54	1	43	0	4	17	1	4	1	42	4	2	3	18
6	0	10	16	1	54	1	41	40	4	14	1	25	1	24	6	10	3	24
9	0	15	21	1	36	1	40	0	4	10	1	44	1	18	8	13	3	36
12	0	20	21	1	24	1	39	0	4	7	2	2	0	54	10	11	3	0
15	0	25	18	1	6	1	36	0	4	0	2	16	0	42	12	7	2	48
18	0	30	6	0	36	6	33	40	3	54	2	27	0	12	13	55	2	36
													minue					
21	0	34	47	0	36	1	29	0	3	42	2	31	0	6	15	31	2	30
24	0	39	14	0	18	1	24	0	3	30	2	36	0	54	16	56	2	18
				adde														
27	0	43	26	0	6	1	18	40	3	17	2	35	1	18	18	4	2	0
30	0	47	22	0	30	1	10	40	2	57	2	30	2	18	18	57	1	36
33	0	50	54	0	42	1	1	0	2	32	2	12	2	30	19	25	1	24
36	0	53	57	1	6	0	50	20	2	6	1	51	2	48	19	52	1	6
39	0	56	28	0	54	0	35	40	1	29	1	22	2	48	18	52	1	18
42	0	58	15	1	6	0	21	0	0	52	0	47	3	0	17	35	1	12
44	0	58	57	0	54	0	10	0	0	25	0	20	3	6	16	14	1	18
											sept.		adde					
46	0	59	17	1	0	0	0	0	0	0	0	8	3	42	14	32	1	18
	retrogd'					mine			minue									
47	0	59	17	1	0	0	5	0	0	12	0	22	3	54	13	32	1	38
48	0	59	12	1	0	0	14	30	0	36	0	37	4	0	12	26	1	18
50	0	58	43	1	6	0	26	30	1	6	1	10	4	12	9	54	2	12
				minue														
52	0	57	50	0	36	0	38	0	1	35	1	41	3	54	6	59	3	0
54	0	56	31	1	24	0	45	0	1	52	2	10	3	36	3	40	3	48
56	0	55	4	2	18	0	49	30	2	4	2	39	3	6	0	6	4	42

Residuū ☿

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Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elōga.		Eq̃tio	
es	retrog̃d'			miue		miue			miue		sept.		adde		☉		adde	
58	0	53	24	3	30	0	50	0	2	5	2	56	2	54	3	35	5	54
60	0	51	45	4	6	0	47	0	1	57	3	12	2	12	7	18	6	30
62	0	50	11	4	42	0	38	30	1	36	3	19	1	42	10	56	7	6
64	0	48	54	4	54	0	25	0	1	2	3	18	1	18	14	16	7	12
66	0	48	4	5	30	0	15	30	0	39	3	12	0	30	17	9	7	48
68	0	47	33	5	24	0	6	0	0	15	3	2	0	6	19	42	7	42
	Directus					adde			adde				miue					
69	0	47	27	5	18	0	5	0	0	12	2	55	0	6	20	49	7	36
70	0	47	32	5	24	0	11	30	0	29	2	48	0	18	21	47	7	42
72	0	47	55	5	6	0	24	0	1	0	2	32	0	54	23	27	7	18
74	0	48	43	0	54	0	36	0	1	30	2	10	1	0	24	41	7	6
76	0	49	55	4	24	0	48	40	2	2	1	50	1	0	25	33	6	30
79	0	52	21	3	54	1	2	40	2	37	1	21	1	24	26	10	6	6
82	0	55	29	3	18	1	13	20	0	3	0	48	1	30	26	6	5	24
85	0	59	9	2	48	1	22	20	3	26	0	19	1	36	25	30	4	54
											meri.		adde					
88	1	3	16	2	12	1	29	40	3	44	0	9	2	0	24	27	4	12
91	1	7	45	1	24	1	35	40	3	59	0	30	2	30	23	2	3	18
94	1	12	32	0	54	1	39	40	4	9	0	51	2	36	21	18	2	48
97	1	17	31	0	24	1	45	20	4	23	1	12	2	30	19	22	2	6
100	1	22	47	0	12	1	47	20	4	28	1	32	2	0	17	9	1	54
				adde														
103	1	28	9	0	18	1	49	40	4	34	1	47	1	30	14	50	1	12
106	1	33	38	0	24	1	51	40	4	39	1	56	1	12	12	24	1	6
109	1	39	13	0	36	1	53	0	4	42	1	58	0	54	9	50	0	18
112	1	44	52	1	0	1	53	20	4	43	1	57	0	24	7	14	0	28
													mine					
115	1	20	32	1	12	1	53	0	4	43	1	56	0	18	4	34	0	6

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		meri.		adde		☿		minue	
0	5	59	39	1	54	1	43	0	4	18	1	2	1	30	1	22	3	24
3	0	4	48	1	42	1	43	0	4	17	1	21	1	18	3	30	3	24
6	0	9	57	1	36	1	42	40	4	17	1	39	1	18	5	36	3	18
9	0	15	5	1	18	1	40	40	4	12	1	57	1	0	7	43	3	12
12	0	20	7	1	6	1	40	0	4	10	2	11	0	42	9	41	3	0
15	0	25	7	0	48	1	37	40	4	4	2	23	0	6	11	33	2	48
													minue					
18	0	30	0	0	42	1	33	40	3	54	2	29	0	18	13	29	0	48
21	0	34	41	0	6	1	30	0	3	45	2	30	0	42	15	6	2	12
				adde														
24	0	39	11	0	12	1	25	20	3	33	2	27	1	6	16	33	2	0
27	0	43	27	0	54	1	20	0	3	20	2	22	1	42	17	44	1	12
30	0	47	27	0	48	1	11	20	2	58	2	7	1	42	18	41	1	24
33	0	51	1	1	6	1	2	20	2	36	1	47	2	6	19	11	1	12
36	0	54	8	1	30	0	49	40	2	4	1	23	2	48	19	14	0	48
39	0	56	37	1	48	0	36	20	1	31	0	57	3	30	18	39	0	30
42	0	58	26	2	0	0	20	20	0	50	0	17	3	54	17	23	0	18
											sept.		adde					
44	0	59	6	2	6	0	10	30	0	26	0	11	3	54	16	1	0	18
46	0	59	27	1	42	0	0	0	0	0	0	45	3	48	14	21	0	42
	retrog̃d'					minue			minue									
47	0	59	27	1	6	0	5	0	0	12	1	1	3	54	13	19	1	6
48	0	59	22	1	0	0	19	0	0	48	1	17	4	6	12	13	1	24
50	0	58	44	0	36	0	30	0	1	15	1	52	3	36	9	32	1	48
				minue														
52	0	57	44	0	6	0	42	0	21	45	2	20	3	30	6	29	2	30
54	0	56	20	1	12	0	49	30	2	4	2	46	3	30	3	2	3	30

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			minue		minue			minue		sept.		adde		☉		adde	
56	0	54	41	1	54	0	55	30	2	19	3	10	2	24	0	41	4	12
58	0	52	50	2	24	0	53	0	2	12	3	25	2	6	4	34	4	42
60	0	51	4	3	18	0	50	0	2	5	3	34	1	18	8	23	5	36
62	0	49	24	3	48	0	39	30	1	39	3	36	0	48	12	7	6	0
64	0	48	5	4	24	0	28	0	1	10	3	31	0	12	15	28	6	36
66	0	47	9	4	24	0	15	0	0	37	3	17	0	18	18	27	6	24
													minue					
68	0	46	39	4	24	0	5	0	0	12	3	3	0	24	20	59	6	36
	Directus					adde			adde									
69	0	46	34	4	18	0	4	0	0	10	2	54	0	30	22	5	6	30
70	0	46	38	4	6	0	13	0	0	33	2	45	0	42	23	4	6	12
72	0	47	4	4	0	0	25	0	1	3	2	23	1	12	24	40	6	6
74	0	47	54	3	36	0	30	30	1	36	2	0	1	12	25	52	5	42
76	0	49	11	3	24	0	50	20	2	6	1	40	1	54	26	38	5	30
79	0	51	42	2	30	1	4	40	2	42	1	7	2	30	27	11	4	30
82	0	54	56	1	54	1	15	0	3	7	0	33	3	0	27	0	3	48
85	0	58	41	1	6	1	24	20	3	31	0	3	3	18	26	19	2	54
											meri		adde					
88	1	2	54	0	48	1	32	20	3	51	0	29	3	0	25	9	2	30
91	1	7	31	0	18	1	37	20	4	3	0	55	2	48	23	35	1	54
				adde														
94	1	12	23	0	12	1	41	20	4	13	1	17	2	36	21	46	1	18
97	1	17	27	0	24	1	46	0	4	25	1	37	2	6	19	43	1	6
100	1	22	45	0	48	1	49	0	4	32	1	52	1	42	17	28	0	36
103	1	28	12	0	54	1	50	0	4	35	2	2	1	30	15	2	0	24
																	minue	
106	1	33	42	1	18	1	52	20	4	40	2	8	0	54	12	35	0	12
109	1	39	19	1	24	1	54	20	4	46	2	7	2	39	9	58	0	18
112	1	45	2	1	18	1	54	0	4	45	2	1	0	0	7	17	0	24
													minue					
115	1	50	44	1	18	1	54	0	4	45	1	53	0	24	4	35	0	36

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		meri.		adde		☉		minue	
0	5	59	20	1	54	1	43	40	4	19	1	17	1	24	0	48	3	48
3	0	4	31	1	36	1	43	20	4	19	1	34	1	24	2	56	3	30
															☿			
6	0	9	41	1	18	1	43	40	4	19	1	52	0	54	5	3	3	18
9	0	14	52	1	12	1	41	20	4	12	2	7	0	24	7	11	3	18
12	0	19	56	0	36	1	41	0	4	12	2	18	0	0	9	11	2	42
													minue					
15	0	24	59	0	24	1	38	0	4	5	2	24	0	30	11	11	2	36
				adde														
18	0	29	53	0	6	1	35	40	3	59	2	26	0	48	13	1	2	0
21	0	34	40	0	24	1	31	0	3	47	2	23	0	54	14	44	1	18
24	0	39	13	0	42	1	27	40	3	39	2	16	1	24	16	13	1	30
27	0	43	36	1	0	1	12	40	3	19	2	5	1	54	17	32	1	18
30	0	47	35	1	42	1	19	20	3	1	1	50	2	30	18	27	0	42
33	0	51	12	2	12	1	3	40	2	39	1	26	3	6	18	59	0	12
36	0	54	23	2	30	0	50	40	2	7	0	55	3	12	19	6	0	0
39	0	56	55	2	18	0	37	0	1	32	0	19	3	48	18	34	0	6
											sept.		adde					
42	0	58	46	2	6	0	20	30	0	51	0	22	3	48	17	20	0	18
44	0	59	27	2	0	0	10	0	0	25	0	50	4	6	15	58	0	24
45	0	59	37	2	6	0	7	0	0	17	1	6	4	6	15	7	0	24
	retrog̃d'					minue			minue									
46	0	59	44	1	36	0	6	0	0	15	1	22	4	6	14	14	0	42
48	0	59	32	1	6	0	21	0	0	52	1	58	3	24	11	59	1	12
50	0	58	50	0	54	0	33	30	1	24	2	28	2	48	9	14	1	24
52	0	57	43	0	18	0	47	30	1	59	2	55	2	42	6	4	1	54
				minue														
54	0	56	8	0	12	0	53	0	2	12	3	21	2	6	2	27	2	24

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd			miue		miue			miue		sept.		adde		☉		adde	
56	0	54	22	1	6	0	58	0	2	25	3	34	2	12	1	23	3	12
58	0	52	26	1	48	0	57	30	2	24	3	46	1	18	5	21	4	0
60	0	50	31	2	18	0	52	30	2	11	3	47	1	6	9	19	4	24
62	0	48	46	2	42	0	42	30	1	46	3	44	0	18	13	7	4	48
													miue					
64	0	47	21	2	54	0	27	30	1	9	3	33	0	6	16	34	5	0
66	0	46	26	3	12	0	15	30	0	39	3	20	1	6	19	31	5	18
68	0	45	55	3	12	0	4	0	0	10	2	59	1	36	22	5	5	12
	Directus					adde			adde									
69	0	45	51	2	42	0	6	0	0	15	2	49	2	0	23	10	4	36
70	0	45	57	2	30	0	13	30	0	34	2	38	2	24	24	6	4	24
72	0	46	24	2	6	0	27	0	1	7	2	11	2	54	25	41	4	0
74	0	47	18	1	36	0	39	30	1	39	1	48	3	36	26	49	3	30
76	0	48	37	1	18	0	53	20	2	13	1	21	3	36	27	33	3	6
79	0	51	17	0	48	1	6	40	2	47	0	42	3	36	27	56	2	24
82	0	54	37	0	12	1	17	40	3	14	0	3	3	42	27	38	1	48
				adde							meri.		adde					
85	0	58	30	0	18	1	25	20	3	33	0	30	3	24	26	48	1	12
88	1	2	46	0	42	1	34	0	3	55	0	59	3	19	25	34	0	42
91	1	7	28	0	42	1	39	0	4	7	1	23	2	42	23	54	0	42
94	1	12	25	1	0	1	42	0	4	15	1	43	2	24	21	59	0	12
																	miue	
97	1	17	31	1	18	1	47	20	4	28	1	58	2	0	19	54	0	12
100	1	22	53	1	24	1	49	20	4	34	2	9	1	24	17	34	0	24
103	1	28	21	1	24	1	51	20	4	38	2	17	0	36	15	6	0	30
106	1	33	55	1	36	1	53	40	4	42	2	17	0	12	12	33	0	54
													miue					
109	1	39	33	1	42	1	54	0	4	45	2	12	0	12	9	55	1	6
112	1	45	15	1	42	1	54	0	4	45	2	1	0	24	7	13	1	12
115	1	50	57	1	42	1	56	0	4	50	1	49	0	48	4	29	1	18

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	Locus			Eq̃tio		ad Di.			ad ho		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			mine		adde			adde		meri.		adde		☿		mine	
0	5	59	1	1	42	1	44	40	4	22	1	31	1	0	0	10	3	48
3	0	4	15	1	36	1	44	20	4	21	1	48	0	42	2	21	3	42
6	0	9	28	1	12	1	44	0	4	20	2	1	0	42	4	30	3	24
9	0	14	40	0	42	1	43	20	4	18	2	11	0	24	6	38	2	54
													mine					
12	0	19	50	0	18	1	41	40	4	14	2	18	0	12	8	44	2	36
				adde														
15	0	24	55	0	6	1	39	40	4	9	2	19	0	30	10	45	2	12
18	0	24	54	0	18	1	36	40	4	3	2	18	4	42	12	4	2	6
21	0	34	44	0	42	1	32	0	3	50	2	14	1	36	14	26	1	36
24	0	39	20	1	24	1	28	40	3	42	2	2	2	6	15	58	1	0
27	0	43	46	1	48	1	22	0	3	25	1	46	2	12	17	19	0	36
30	0	47	52	1	48	1	14	0	3	5	1	25	3	12	18	20	0	30
33	0	51	34	2	12	1	4	40	2	42	0	55	3	18	18	57	0	6
36	0	54	48	2	6	0	50	0	2	5	0	23	3	48	19	7	0	12
											sept.		adde				adde	
39	0	57	18	1	42	0	36	20	1	31	0	17	3	24	18	33	0	24
																	mine	
42	0	59	7	2	6	0	20	0	0	50	1	0	3	18	17	17	0	6
44	0	59	47	2	6	0	11	0	0	27	1	31	3	12	15	54	0	0
45	0	59	58	1	48	0	2	0	0	5	1	47	3	6	15	4	0	6
	retrog̃d'					mine			mine									
46	1	0	0	2	0	0	8	30	0	21	2	3	3	6	14	7	0	6
48	0	59	43	1	54	0	22	0	0	55	2	32	2	48	11	47	0	18
50	0	58	59	1	18	0	36	30	1	31	2	56	2	48	9	0	0	48
52	0	57	46	0	54	0	50	0	2	5	3	22	2	12	5	45	1	12
54	0	56	6	0	18	0	57	30	2	24	3	42	1	42	2	3	1	48

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		Locus		Equatio		ad di.			ad ho.		Lati.		Equatio		Eloga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogradus			minue		minue			minue		sept.		adde		☉		adde	
56	0	54	11	0	12	1	1	30	2	34	3	56	0	30	1	55	2	18
58	0	52	8	0	48	1	0	0	2	30	3	59	0	0	6	1	2	48
													minue					
60	0	50	8	1	6	0	54	30	2	16	3	58	0	42	10	3	3	3
62	0	48	19	1	12	0	43	30	1	49	3	47	1	36	13	55	3	6
64	0	46	52	1	6	0	29	0	1	12	3	32	2	30	17	24	3	0
66	0	45	54	0	54	0	15	30	0	36	3	9	2	54	20	24	2	42
	directus					adde			adde									
68	0	45	23	0	42	0	1	0	0	2	2	43	3	24	22	57	2	24
69	0	45	24	0	48	0	8	0	0	20	2	29	3	30	23	56	2	30
70	0	45	32	0	54	0	15	30	0	39	2	14	3	30	24	50	2	36
72	0	46	3	0	24	0	29	30	1	14	1	42	3	54	26	21	2	0
74	0	47	2	0	6	0	41	0	1	42	1	12	3	42	27	4	1	36
				adde														
76	0	48	24	0	18	0	55	0	2	17	0	45	4	0	28	4	1	12
79	0	51	9	0	30	1	8	40	2	52	0	6	4	0	28	20	0	54
											meri.		adde					
82	0	54	35	0	54	1	19	20	3	18	0	34	3	24	27	56	0	24
85	0	58	33	1	6	1	26	40	3	37	1	4	3	30	27	0	0	6
																	minue	
88	1	2	53	1	30	1	34	0	3	55	1	32	3	0	25	41	0	24
91	1	7	35	1	36	1	40	0	4	10	1	50	2	30	24	1	0	42
94	1	12	35	1	42	1	43	0	4	37	2	7	1	48	22	1	0	54
97	1	17	44	2	0	1	47	40	4	29	2	18	1	30	19	52	1	18
100	1	23	7	2	0	1	49	20	4	33	2	23	1	18	17	30	1	30
103	1	28	35	2	6	1	52	0	4	40	2	23	0	18	15	1	1	42
106	1	34	11	1	54	1	53	0	4	42	2	19	0	6	12	24	1	30
													minue					
109	1	39	50	2	0	1	54	0	4	45	2	10	0	6	9	44	1	48
112	1	45	32	2	6	1	54	0	4	45	1	57	0	30	7	1	2	0
115	1	51	14	2	0	1	56	0	4	50	1	41	1	0	4	16	1	54

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		meri.		adde		☉		adde	
0	5	58	44	1	48	1	45	0	4	22	1	41	0	54	0	28	4	0
															☿		minue	
3	0	3	59	1	12	1	45	40	4	24	1	55	0	30	1	44	3	30
6	0	9	16	0	42	1	54	40	4	24	2	8	0	0	3	56	3	0
													minue					
9	0	14	33	0	24	1	44	40	4	22	2	15	0	12	6	9	2	42
12	0	19	47	0	18	1	43	0	4	17	2	16	0	36	8	18	2	36
				adde														
15	0	24	56	0	12	1	40	20	4	11	2	14	1	6	10	23	2	12
18	0	29	57	0	48	1	38	20	4	6	2	11	1	48	12	20	1	36
21	0	34	52	1	0	1	34	0	3	55	1	58	2	0	14	10	1	24
24	0	39	34	1	18	1	30	0	3	45	1	41	2	24	15	48	1	6
27	0	44	4	1	36	1	22	0	3	25	1	23	3	0	17	13	0	42
30	0	48	10	2	12	1	15	20	3	8	0	53	3	0	18	15	0	6
33	0	51	56	2	12	1	4	20	2	41	0	22	3	0	18	56	0	0
											sept.		adde				adde	
36	0	55	9	2	36	0	52	20	2	10	0	15	3	18	19	5	0	24
39	0	57	45	2	0	0	34	20	1	26	0	53	3	0	18	37	0	0
42	0	59	20	2	36	0	20	0	0	50	1	33	3	24	17	16	0	30
44	1	0	8	2	24	0	8	0	0	20	2	3	3	0	15	54	0	18
45	1	0	16	2	42	0	4	0	0	10	2	18	2	36	15	2	0	30
	retrog̃d'					minue			minue									
46	1	0	20	2	24	0	9	0	0	22	2	34	2	12	14	6	0	18
																	minue	
48	1	0	2	1	54	0	25	0	1	2	3	0	1	48	11	44	0	6
50	0	59	12	1	36	0	38	30	1	36	3	24	1	12	8	52	0	18
52	0	57	59	1	24	0	53	0	2	12	3	44	0	42	5	33	0	30
													minue					
54	0	56	9	1	18	1	0	0	2	30	3	59	0	30	1	45	0	36

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eqtio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d'			adde		minue			minue		sept.		minue		i ☉		adde	
56	0	54	9	0	48	1	4	30	2	41	4	1	0	48	2	18	1	0
58	0	52	0	0	36	1	1	30	2	34	3	59	1	42	6	29	1	6
60	0	49	57	0	18	0	55	0	2	17	3	51	2	18	10	33	1	24
62	0	48	7	0	24	0	43	0	1	47	3	31	2	48	14	26	1	12
64	0	46	41	0	36	0	28	0	1	10	3	7	3	6	17	54	0	54
66	0	45	45	0	42	0	14	30	0	36	2	40	3	36	20	51	0	48
68	0	45	16	0	48	0	0	0	0	0	2	9	3	48	23	21	0	36
	directus					adde			adde									
69	0	45	16	0	48	0	7	0	0	17	1	54	4	0	24	21	0	36
70	0	45	23	1	6	0	18	0	0	45	1	39	4	12	25	16	0	18
72	0	45	59	1	18	0	31	0	1	17	1	3	3	48	26	41	0	0
																	mine	
74	0	47	1	1	36	0	42	0	1	47	0	35	4	0	27	40	0	24
76	0	48	27	1	42	0	55	40	2	19	0	5	4	6	28	16	0	36
											meri.		adde					
79	0	51	14	2	6	1	10	0	2	55	0	34	3	54	28	29	1	0
82	0	54	44	2	0	1	20	0	3	20	1	8	3	30	28	0	1	6
85	0	58	44	2	18	1	28	0	3	40	1	39	2	54	27	1	1	36
88	1	3	8	2	12	1	34	20	3	56	2	2	2	18	25	37	1	36
91	1	7	51	2	18	1	40	20	4	11	2	15	1	54	23	54	1	48
94	1	12	52	2	18	1	44	0	4	20	2	25	1	30	21	52	1	54
97	1	18	4	2	12	1	47	40	4	29	2	33	0	48	19	39	1	54
100	1	23	27	2	18	1	49	40	4	34	2	36	0	12	17	15	2	6
103	1	28	56	2	18	1	51	20	4	38	2	26	0	24	14	44	2	12
													mine					
106	1	34	30	2	24	1	53	20	4	43	2	29	0	30	12	9	2	30
109	1	40	10	2	18	1	54	20	4	46	2	9	1	0	9	26	2	30
112	1	45	53	2	12	1	53	40	4	44	1	52	1	18	6	41	2	30
115	1	51	34	2	12	1	54	20	4	46	1	31	1	18	3	57	2	36

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	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			miue		adde			adde		meri.		adde		⊙		adde	
0	5	58	26	1	12	1	47	0	4	27	1	50	0	36	1	8	3	36
															☿		miue	
3	0	3	47	1	0	1	47	20	4	28	2	0	0	18	1	9	3	24
6	0	9	9	0	36	1	46	40	4	26	2	8	0	18	3	26	3	0
													miue					
9	0	14	29	0	48	1	45	0	4	22	2	13	0	48	5	42	2	42
				adde														
12	0	19	44	0	18	1	44	40	4	21	2	10	1	6	7	52	2	6
15	0	24	58	0	30	1	42	20	4	16	2	3	1	30	10	1	1	48
18	0	30	5	0	4	1	39	0	4	8	1	53	2	0	12	9	1	39
21	0	35	2	1	6	1	55	0	3	57	1	38	2	18	13	56	1	6
24	0	39	47	1	24	1	31	0	3	47	1	17	2	36	15	37	0	42
27	0	44	20	1	42	1	24	0	3	30	0	53	2	48	17	6	0	30
30	0	48	32	1	54	1	15	0	3	7	0	23	2	54	18	14	0	12
											sept.		adde				adde	
33	0	52	18	2	18	1	5	40	2	44	0	8	3	24	18	56	0	12
36	0	55	35	2	0	0	50	0	2	5	0	48	2	24	19	9	0	0
39	0	58	5	2	30	0	36	20	1	31	1	23	2	24	18	36	0	36
42	0	59	54	2	18	0	19	0	0	47	2	7	1	42	17	21	0	24
44	1	0	32	2	24	0	11	0	0	27	2	33	1	24	15	57	0	36
45	1	0	43	2	12	0	1	0	0	2	2	44	1	18	15	8	0	24
	retrog̃dꝰ					miue			miue									
46	1	0	44	2	12	0	11	30	0	29	2	58	1	6	14	9	0	24
48	1	0	21	2	6	0	26	30	1	6	3	18	0	36	11	42	0	24
50	0	59	28	2	6	0	39	30	1	39	3	36	0	6	8	49	0	24
													miue					
52	0	58	9	1	48	0	53	30	2	14	3	51	0	54	5	28	0	12
54	0	56	22	1	36	1	2	30	2	26	3	54	0	54	1	39	0	6

Residuū ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		minue			minue		sept.		minue		☉		minue	
56	0	54	17	1	36	1	5	30	2	44	3	53	1	42	2	28	0	6
58	0	52	6	1	48	1	3	0	2	37	3	42	2	12	6	40	0	24
60	0	50	0	1	54	0	54	30	2	16	3	28	2	54	10	47	0	30
62	0	48	11	2	0	0	42	0	1	45	3	3	3	24	14	38	0	42
64	0	46	47	2	18	0	37	30	1	9	2	36	3	48	18	3	1	6
66	0	45	52	2	18	0	14	0	0	35	2	4	4	48	20	59	1	12
68	0	45	24	2	36	0	0	0	0	0	1	31	4	48	23	27	1	30
	Directus					adde			adde									
69	0	45	24	2	42	0	10	0	0	25	1	14	4	42	24	27	1	36
70	0	45	34	2	36	0	19	0	0	47	0	57	4	42	25	19	1	36
72	0	46	12	2	42	0	32	30	1	21	0	25	4	48	26	41	1	18
											meri.		adde					
74	0	47	17	2	42	0	43	30	1	49	0	5	4	36	27	36	1	54
76	0	48	44	2	48	0	57	0	2	22	0	36	3	54	28	10	2	6
79	0	51	35	2	42	1	9	40	2	54	1	13	3	18	28	19	2	6
82	0	55	4	2	48	1	21	0	3	27	1	43	3	6	27	49	2	18
85	0	59	7	2	36	1	27	40	3	35	2	8	2	36	26	46	2	12
88	1	3	30	2	54	1	34	40	3	57	2	25	2	6	25	21	2	36
91	1	8	14	3	0	1	40	20	4	11	2	34	1	42	23	36	2	48
94	1	13	15	2	42	2	43	40	4	19	2	40	0	54	21	33	2	36
97	1	18	26	2	54	1	48	0	4	30	2	41	0	36	19	20	3	0
100	1	23	50	2	36	1	49	40	4	34	2	38	0	0	16	54	2	48
													minue					
103	1	29	19	2	30	1	51	40	4	39	2	30	0	24	14	22	2	54
106	1	34	54	2	18	1	53	0	4	42	2	15	0	42	11	44	2	42
109	1	40	33	2	12	1	54	0	4	45	7	59	1	12	9	1	2	42
112	1	46	15	2	12	1	53	40	4	45	1	39	1	24	6	16	2	54
115	1	51	56	2	24	1	55	0	4	47	1	18	1	48	3	31	3	6

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		meri.		minue		☉		adde	
0	5	58	10	1	12	1	47	40	4	29	1	56	0	0	1	44	3	30
															☿		'minue	
3	0	3	37	0	42	1	48	40	4	32	2	3	0	12	0	35	3	0
6	0	9	3	0	30	1	47	40	4	29	2	5	0	30	2	56	2	48
				adde														
9	0	14	26	0	12	1	47	0	4	27	2	5	1	0	5	15	2	6
12	0	19	47	0	18	1	45	20	4	23	1	59	1	24	7	31	1	54
15	0	25	3	0	48	1	43	0	4	17	1	48	1	48	37	43	1	18
18	0	30	12	1	0	1	40	20	4	11	1	33	2	0	11	49	1	12
21	0	35	12	1	18	1	36	0	4	0	1	15	2	24	13	45	0	48
24	0	40	1	1	48	1	32	0	3	50	0	51	1	36	15	30	0	18
27	0	44	37	1	42	1	24	40	3	32	0	25	2	24	17	1	0	18
											ſept.		adde'					
30	0	48	51	1	42	1	16	40	3	12	0	6	2	18	18	12	0	12
33	0	52	41	1	54	1	4	40	2	42	0	42	1	54	18	58	0	0
																	adde	
36	0	55	55	2	6	0	51	40	2	9	1	12	2	12	19	9	0	24
39	0	58	30	2	6	0	35	40	1	29	1	47	1	54	18	42	0	24
42	1	0	17	2	18	0	19	30	0	49	2	24	1	24	17	25	0	48
44	1	0	56	1	6	0	9	0	0	22	2	47	0	54	16	3	0	36
45	1	1	5	1	54	0	1	0	0	2	2	57	0	36	15	12	0	24
	retrog̃d'					minue			minue									
46	1	1	6	2	6	0	12	0	0	30	3	7	0	18	14	13	0	36
													minue					
48	1	0	42	2	6	0	26	30	1	6	3	24	0	18	11	47	0	42
50	0	59	49	2	12	0	41	0	1	42	3	37	0	54	8	53	0	48
52	0	58	27	2	30	0	54	30	2	16	3	42	1	30	5	30	1	12
54	0	56	38	2	42	1	2	30	2	36	3	45	2	24	1	40	1	30

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Di	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃uo	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogd⁹			adde		minue			minue		sept.		minu		☉		minue	
56	0	54	33	2	48	1	4	30	2	41	3	36	3	6	2	27	1	42
58	0	52	24	2	54	1	2	30	2	36	3	20	3	36	6	36	1	48
60	0	50	19	3	12	0	54	0	2	15	2	59	3	54	10	42	2	12
62	0	48	31	3	18	0	40	30	1	41	2	29	4	30	14	31	2	24
64	0	47	10	3	18	0	27	30	1	9	1	58	4	42	17	52	1	30
66	0	46	15	3	24	0	12	30	0	31	1	17	3	42	20	47	2	42
	directus					adde			adde									
68	0	45	50	3	30	0	1	0	0	2	0	43	3	48	23	12	2	54
69	0	45	51	3	30	0	9	0	0	22	0	27	4	30	24	11	2	54
70	0	46	0	3	36	0	19	30	0	49	0	10	4	12	25	3	3	6
											meri.		adde					
72	0	46	39	3	30	0	32	30	1	21	0	23	3	36	26	23	3	0
74	0	47	44	3	30	0	44	0	1	50	0	51	3	24	27	17	3	6
76	0	49	12	3	42	0	56	40	2	22	1	15	3	36	37	49	3	18
79	0	52	2	3	36	1	10	0	2	55	1	46	3	18	27	58	3	34
82	0	55	32	3	30	1	20	20	3	21	2	4	3	24	27	26	3	24
85	0	59	33	3	24	1	28	40	3	42	2	34	2	6	26	24	3	30
88	1	3	59	3	18	1	35	0	3	57	2	46	1	36	24	55	3	30
91	1	8	44	3	0	1	39	20	4	8	2	51	1	6	23	8	3	18
94	1	13	42	2	54	1	44	20	4	21	2	49	0	36	21	7	3	18
97	1	18	55	2	42	1	47	0	4	27	2	47	0	0	18	50	3	12
													minue					
100	1	24	16	2	30	1	49	20	4	33	2	38	0	18	16	26	3	6
103	1	29	44	2	30	1	51	0	4	37	2	26	0	48	13	53	3	6
106	1	35	17	2	30	1	52	40	4	42	2	8	1	18	11	17	3	18
109	1	44	55	2	36	1	54	0	4	45	1	47	1	30	8	34	3	30
112	1	46	37	2	24	1	54	20	4	46	1	25	1	36	5	47	3	18
115	1	52	20	2	12	1	55	0	4	47	1	0	1	42	3	0	3	18

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	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		meri.		minue		☉		adde	
0	5	58	2	0	42	1	49	40	4	33	1	56	0	6	2	19	3	6
															☿		minue	
3	0	3	30	0	30	1	49	20	4	33	2	1	0	48	0	5	2	42
				adde														
6	0	8	58	0	6	1	50	0	4	35	2	0	1	0	2	28	2	6
9	0	14	28	0	12	1	47	20	4	38	1	55	1	24	4	54	1	54
12	0	19	50	0	36	1	47	0	4	27	1	45	1	42	7	12	1	30
15	0	25	11	0	54	1	43	40	4	19	1	30	1	48	9	30	1	12
18	0	30	22	1	6	1	41	20	4	13	1	13	1	42	11	37	0	54
21	0	35	26	1	18	1	37	40	4	4	0	51	1	36	13	37	0	36
24	0	40	19	1	30	1	31	40	3	49	0	25	1	42	15	27	0	18
27	0	44	54	1	42	1	24	40	3	32	0	1	1	48	16	58	0	0
											sept.		adde				adde	
30	0	49	8	1	48	1	17	20	3	14	0	29	1	42	18	10	0	12
33	0	53	0	1	39	1	5	20	2	43	1	1	1	30	18	58	0	6
36	0	56	16	1	48	0	51	40	2	9	1	34	1	30	19	13	0	18
39	0	58	51	1	42	0	36	20	1	31	2	6	1	18	18	46	0	18
42	1	0	40	2	0	0	18	30	0	46	2	38	0	36	17	33	0	42
44	1	1	17	2	6	0	7	0	0	17	2	58	0	12	16	9	0	54
45	1	1	24	2	24	0	3	0	0	7	3	6	0	0	15	16	1	12
	retrogd'					minue			minue				minue					
46	1	1	27	2	30	0	2	0	0	30	3	10	0	6	14	19	1	24
48	1	1	3	2	30	0	26	0	1	5	3	21	0	30	11	54	1	24
50	1	0	11	2	54	0	39	30	1	39	3	28	1	0	9	1	1	54
52	0	58	52	2	24	0	52	30	2	14	3	27	1	54	5	42	2	0
54	0	57	5	2	54	1	2	0	2	35	3	21	2	24	1	55	2	6

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Di	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m̃	m̃	2	g	m̃	2	m̃	2	g	m̃	m̃	2	g	m̃	m̃	2
es	retrogd⁹			adde		mĩue			mĩue		sept.		mĩue		☉		mĩue	
56	0	55	1	3	30	1	4	0	2	40	3	5	2	42	2	10	2	48
58	0	52	53	3	42	1	1	0	2	32	2	44	3	12	6	18	3	6
60	0	50	51	3	54	0	53	30	2	14	2	20	3	30	10	20	3	24
82	0	49	4	4	6	0	40	30	1	41	1	44	3	30	14	7	3	36
64	0	47	43	4	18	0	27	0	1	7	1	11	3	48	17	27	3	54
66	0	46	49	4	24	0	12	0	0	30	0	40	4	24	20	20	4	0
	directus					adde			adde									
68	0	46	25	4	30	0	1	0	0	2	0	6	4	5	22	43	4	12
											meri.		adde					
69	0	46	26	4	24	0	10	0	0	25	0	18	3	24	23	42	4	12
70	0	46	36	4	24	0	19	0	0	47	0	32	3	36	24	32	4	12
72	0	47	14	4	18	0	32	30	1	21	0	59	3	48	5	53	4	12
74	0	48	19	4	24	0	45	0	1	52	1	25	4	0	26	46	4	18
76	0	46	49	4	18	0	56	20	2	21	1	51	3	30	27	16	4	24
79	0	52	38	4	0	1	9	40	2	54	2	19	2	54	27	24	4	12
82	0	56	7	3	42	1	20	0	3	20	2	38	2	48	29	52	4	0
85	1	0	7	3	30	1	28	20	3	41	2	55	1	36	25	49	3	54
88	1	4	32	2	48	1	34	0	3	55	3	2	1	0	24	20	3	18
91	1	9	14	2	54	1	39	0	4	7	3	2	0	36	22	35	3	30
94	1	14	11	2	48	1	43	40	4	19	2	55	0	6	20	34	3	30
													mĩue					
97	1	19	22	2	42	1	46	20	4	26	2	47	0	30	18	18	3	30
100	1	24	41	1	36	1	49	20	4	33	2	35	1	0	15	55	3	30
103	1	30	9	2	24	1	51	0	4	37	2	18	1	36	13	22	3	30
106	1	35	42	2	18	1	53	0	4	42	1	55	1	36	10	44	3	24
109	1	41	21	2	6	1	53	20	4	43	1	32	1	36	7	59	3	24
112	1	47	1	2	12	1	53	40	4	44	1	9	1	54	5	14	3	36
115	1	52	42	2	18	1	56	0	4	50	0	43	1	48	2	27	3	42

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			mine		adde			adde		meri.		mine		☉		adde	
0	5	57	54	0	18	1	50	20	4	36	1	55	0	42	2	50	2	24
3	0	3	25	0	0	1	51	20	4	3	8	53	0	54	0	22	2	6
				adde											♀		mine	
6	0	8	59	0	18	1	50	20	4	36	1	50	0	54	2	7	1	42
9	0	14	30	0	30	1	48	40	4	32	1	41	6	48	4	35	1	24
12	0	19	56	0	48	1	48	0	4	30	1	28	0	42	6	57	1	6
15	0	25	20	1	0	1	44	20	4	21	1	12	1	6	9	18	0	48
18	0	30	33	1	0	1	42	0	4	15	0	56	1	24	11	28	0	36
21	0	35	39	1	12	1	38	20	4	6	0	35	1	30	13	31	0	24
24	0	40	34	1	6	1	32	20	3	51	0	8	1	30	15	24	0	24
											sept.		adde					
27	0	45	11	1	12	1	25	0	3	32	1	17	1	48	16	58	0	12
30	0	49	26	1	24	1	16	40	3	12	0	46	1	54	18	12	0	0
																	adde	
33	0	53	16	1	24	1	6	0	2	45	1	16	1	36	18	59	0	12
36	0	56	34	1	42	0	51	20	2	8	1	49	1	12	19	16	0	36
39	0	58	8	2	0	0	37	20	1	33	2	19	0	42	18	49	1	0
42	1	1	0	1	48	0	19	0	0	47	2	24	0	30	17	40	0	54
													mine					
44	1	1	38	1	54	0	10	0	0	25	2	58	0	6	16	18	1	6
45	1	1	48	2	0	0	4	0	0	10	3	3	0	18	15	28	1	18
	retrogd'					mine			mine									
46	1	1	52	2	12	0	12	0	0	30	3	9	0	36	14	33	0	30
48	1	1	28	2	36	0	34	0	1	0	3	16	1	30	12	8	2	0
50	1	0	40	2	36	0	39	30	1	39	3	18	1	48	9	20	2	6
52	1	59	21	3	12	0	53	30	2	14	3	8	1	48	6	2	2	42
54	0	57	34	3	48	0	59	0	2	27	2	57	2	48	2	16	3	24

Residuū ☿

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	Locus			Equatio		ad di.			ad ho		Lati.		Equatio		Eloga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd'			adde		minue			minue		sept.		minue		☉		minue	
56	0	55	36	4	0	1	3	0	2	37	2	38	3	30	1	42	3	36
58	0	53	30	4	30	1	0	0	2	30	2	12	3	24	5	47	4	12
60	0	51	30	4	48	0	52	30	2	11	1	45	4	6	9	46	4	36
62	0	49	45	5	0	0	39	30	1	37	1	9	4	42	13	31	4	54
64	0	48	26	5	0	0	26	30	1	6	0	33	4	42	16	48	4	54
											meri.		adde					
66	0	47	33	5	6	0	11	0	0	29	0	4	4	24	19	40	5	12
68	0	47	10	5	6	0	0	0	0	0	0	36	4	6	21	1	5	18
	directus					adde			adde									
69	0	47	10	5	0	0	10	0	0	25	0	52	4	24	23	0	5	12
70	0	47	20	4	54	0	18	30	0	46	1	8	4	42	23	50	5	6
72	0	47	57	4	48	0	33	0	1	22	1	37	4	24	25	11	5	6
74	0	49	3	4	12	0	44	30	1	51	2	5	3	12	26	3	4	36
76	0	50	32	3	54	0	55	20	2	18	2	26	3	6	26	32	4	18
79	0	53	18	3	48	1	8	40	2	52	2	48	2	24	26	42	4	18
82	0	56	44	2	24	1	78	20	3	18	3	6	1	12	26	12	4	6
85	1	0	42	3	6	1	26	0	3	35	3	11	1	6	25	10	3	48
88	1	5	0	3	6	1	34	20	3	56	3	12	0	24	23	47	5	54
													minue					
91	1	9	43	2	42	1	38	40	4	7	3	8	0	12	22	0	3	36
94	1	14	39	2	36	1	43	20	4	18	2	56	0	48	19	29	3	42
97	1	19	49	2	24	1	46	0	4	25	2	42	1	0	17	43	3	36
100	1	25	7	2	12	1	48	40	4	32	2	25	1	30	15	20	3	30
103	1	30	33	2	18	1	50	40	4	37	2	2	1	24	12	47	3	42
106	1	36	5	2	18	1	52	20	4	41	1	39	1	54	10	14	3	48
109	1	41	42	2	18	1	53	40	4	44	1	16	2	6	7	25	3	48
112	1	47	23	2	12	1	54	0	4	45	0	50	2	6	4	38	3	48
115	1	53	5	2	12	1	53	0	4	43	0	25	2	6	1	50	3	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m̃	m̃	2	g	m̃	2	m̃	2	g	m̃	m̃	2	g	m	m̃	2
es	directus			adde		adde			adde		meri.		adde		☉		adde	
0	5	57	51	0	0	1	51	20	4	38	1	48	0	12	3	14	1	54
3	0	3	25	0	24	1	52	20	4	41	1	44	0	6	0	43	1	30
													miue		☿		miue	
6	0	9	2	0	20	1	51	0	4	37	1	41	0	18	1	50	1	12
9	0	14	35	0	48	1	49	40	4	34	1	33	0	36	4	21	0	54
12	0	20	4	0	54	1	48	40	4	32	1	21	1	6	6	46	0	36
15	0	25	30	0	48	1	44	20	4	21	1	1	1	0	9	10	0	42
18	0	30	43	1	12	1	42	40	4	17	0	42	1	30	11	22	0	12
																	adde	
21	0	35	51	1	24	1	38	0	4	5	0	20	1	36	12	27	0	6
											sept.		adde					
24	0	40	45	1	24	1	32	40	3	52	0	7	1	54	15	20	0	12
27	0	45	23	1	24	1	25	40	3	34	0	35	1	36	16	56	0	18
30	0	49	40	1	30	1	16	40	3	12	1	5	1	30	18	12	0	36
33	0	53	30	1	42	1	17	0	2	47	1	32	1	24	19	1	0	54
36	0	56	51	1	30	0	52	20	2	11	2	1	0	54	19	22	0	48
39	0	59	28	1	42	0	36	40	1	32	2	26	0	30	18	59	1	12
													miue					
42	1	1	18	1	54	0	19	30	0	49	2	49	0	18	17	49	1	30
44	1	1	57	2	12	0	11	0	0	27	2	57	0	48	16	29	1	48
45	1	2	8	1	54	0	6	0	0	15	3	0	1	12	15	41	1	36
	retrog̃d'					miue			miue									
46	1	2	14	2	6	0	10	0	0	25	3	3	1	36	14	48	1	42
48	1	1	54	2	48	0	24	0	1	0	3	1	1	42	12	28	2	30
50	1	1	6	3	6	0	36	30	1	31	3	0	2	36	9	41	2	54
52	0	59	52	3	24	0	50	30	2	6	2	50	3	18	6	29	3	18
54	0	58	12	4	0	0	58	0	2	25	2	29	3	42	2	50	3	54

Residuũ ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Eloga.		Eq̃tio	
Di	S	ğ	m̃	m̃	2	ğ	m̃	2	m̃	2	ğ	m̃	m̃	2	ğ	m̃	m̃	2
es	retrogradus			adde		minue			minue		sept.		minue		☉		minue	
56	0	56	16	4	42	1	0	30	2	31	2	3	3	54	1	6	4	48
58	0	54	15	5	0	0	58	30	2	26	1	38	4	12	5	5	5	12
60	0	52	18	5	6	0	51	30	2	9	1	4	5	6	9	0	5	18
62	0	50	35	5	24	0	36	30	1	39	0	22	4	42	12	42	5	42
											meri.		adde					
64	0	49	16	5	12	0	26	0	1	5	0	14	4	30	15	59	5	36
66	0	48	24	5	6	0	11	30	0	29	0	48	4	24	18	48	5	30
68	0	48	1	5	36	0	1	0	0	2	1	17	4	12	21	8	5	6
	Directus					adde			adde									
69	0	48	0	5	42	0	9	0	0	22	1	36	3	36	22	8	5	18
70	0	48	9	4	42	0	18	0	0	45	1	55	3	6	22	49	5	18
72	0	48	45	4	18	0	30	0	1	15	2	21	2	36	24	24	5	0
74	0	49	45	4	18	0	43	0	1	47	2	37	3	6	25	19	5	0
76	0	51	11	4	0	0	55	0	2	17	2	57	2	12	25	49	4	48
79	0	53	56	3	30	1	7	20	2	48	3	12	1	36	25	54	4	24
82	0	57	18	3	12	1	18	20	3	16	3	18	1	6	25	31	4	6
85	1	1	13	2	48	1	26	0	3	35	3	22	0	18	24	32	3	54
													mine					
88	1	5	31	2	42	1	33	0	3	52	3	16	0	6	23	8	3	54
91	1	11	10	2	30	1	38	20	4	6	3	6	0	30	21	24	3	54
94	1	15	5	2	24	1	42	40	4	17	2	48	0	48	19	22	3	48
97	1	20	13	2	24	1	45	0	4	23	2	32	1	30	17	7	3	54
100	1	25	29	2	24	1	49	0	4	32	2	10	1	42	14	45	4	0
103	1	30	56	2	6	1	50	40	4	37	1	48	2	30	12	10	3	42
106	1	36	28	2	0	1	52	20	4	41	1	20	2	18	9	32	3	42
109	1	42	5	1	48	1	53	20	4	43	0	55	2	30	6	47	3	36
112	1	47	45	2	0	1	54	0	4	45	0	29	2	18	4	0	3	48
115	1	53	27	2	6	1	53	0	4	42	0	4	2	6	1	11	3	54

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	Locus directus			Eqtio adde		ad di. adde			ad ho. adde		Lati. meri.		Eqtio adde		Elóga. ☉		Eqtio adde	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
0	5	57	51	0	30	1	52	40	4	42	1	50	0	18	3	33	1	6
3	0	3	29	0	42	1	52	40	4	42	1	45	0	6	0	58	0	48
													miue		☿		miue	
6	0	9	7	0	54	1	52	0	4	40	1	38	0	24	1	38	0	36
9	0	14	43	1	0	1	50	0	4	35	1	27	0	54	4	12	0	24
12	0	20	13	1	12	1	48	20	4	31	1	11	1	24	6	40	0	6
15	0	25	38	1	24	1	45	40	4	24	0	50	1	30	9	3	0	18
18	0	30	55	1	12	1	42	20	4	18	0	27	1	30	11	20	0	6
21	0	36	5	1	12	1	38	0	4	5	0	4	1	42	13	28	0	18
											sept.		adde					
24	0	40	59	1	12	1	32	40	3	52	0	26	1	42	15	22	0	24
27	0	45	37	1	18	1	26	0	3	35	0	51	1	24	16	57	0	42
30	0	49	55	1	12	1	17	20	3	13	1	20	2	12	18	18	0	42
33	0	53	47	1	18	1	6	20	2	46	1	46	0	48	19	10	0	54
36	0	57	6	1	30	0	53	0	2	12	2	10	0	24	19	30	1	12
													miue					
39	0	59	45	1	36	0	37	20	1	33	2	31	0	6	19	11	1	24
42	1	1	37	2	0	0	21	0	0	52	2	46	0	48	18	4	1	54
44	1	2	19	2	18	0	8	0	0	20	2	49	1	24	16	47	2	24
	retrogd⁹					miue			miue									
46	1	2	35	0	42	0	4	0	0	10	2	47	1	42	15	5	2	48
47	1	2	31	3	6	0	9	0	0	22	2	48	2	18	14	2	3	18
48	1	2	22	3	12	0	22	30	0	56	2	44	2	30	12	53	3	24
50	1	1	37	3	30	0	35	0	1	27	2	37	2	54	10	10	3	42
52	1	0	27	4	0	0	47	30	1	59	2	17	3	30	6	2	4	18
54	0	58	52	4	30	0	54	30	2	16	1	52	3	48	3	29	4	54

Residuũ ☿

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	Locus			Eq̃tio		ad di.			ad ho		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogrd⁹			adde		minue			minue		sept.		minue		☉		adde	
56	0	57	3	4	48	0	56	0	2	27	1	24	4	12	0	18	5	12
58	0	55	5	5	0	0	58	0	2	25	0	56	4	42	4	13	5	30
60	0	53	0	5	12	0	50	0	2	5	0	13	4	18	8	7	5	48
	}										meri.		adde					
62	0	51	29	5	12	0	40	30	1	41	0	25	4	12	11	45	5	54
64	0	50	8	5	12	0	26	30	1	6	0	59	4	12	15	3	5	54
66	0	49	15	5	0	0	14	0	0	35	1	32	2	24	17	53	5	48
68	0	48	47	5	0	0	0	0	0	0	1	59	3	36	20	17	5	48
	directus					adde			adde									
69	0	48	47	4	36	0	9	0	0	22	2	12	3	24	21	15	5	12
70	0	48	56	4	18	0	16	0	0	40	2	26	3	12	22	6	5	12
72	0	49	28	4	0	0	30	0	1	15	2	47	2	48	13	30	4	55
74	0	50	28	3	30	0	41	30	1	44	3	8	2	0	24	27	4	36
76	0	51	51	3	30	0	53	20	2	13	3	19	1	36	25	1	4	36
79	0	54	31	2	54	1	6	20	2	46	3	28	1	6	25	15	4	12
82	0	57	50	2	48	1	17	0	3	12	3	29	0	24	24	50	4	12
													minue					
85	1	1	41	2	42	1	25	40	3	34	3	25	0	6	23	53	4	12
88	1	5	58	2	18	1	32	20	3	51	3	15	0	54	22	29	3	54
91	1	10	35	2	18	1	38	0	4	5	3	1	1	30	20	45	3	54
94	1	15	29	2	0	1	42	40	4	17	2	40	2	0	18	44	3	42
97	1	20	37	1	42	1	45	20	4	23	2	17	2	18	16	28	3	24
100	1	25	53	1	48	1	48	0	4	30	1	53	2	12	14	5	3	30
103	1	31	17	1	42	1	50	20	4	36	1	23	2	0	11	33	3	30
106	1	36	48	1	48	1	51	40	4	39	0	57	2	30	8	55	3	42
109	1	42	23	2	0	2	54	0	4	45	0	30	2	18	6	11	3	54
112	1	48	5	1	54	1	54	20	4	46	0	6	2	12	3	22	3	54
											sept.		adde					
115	1	53	48	1	42	1	53	0	4	43	0	17	1	42	0	32	3	48

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	Locus			Eq̃tio		ad Di.			ad ho		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		miñe		☉		adde	
0	5	57	56	1	6	1	53	20	4	43	1	53	0	6	3	44	0	24
3	0	3	36	1	6	1	53	20	4	43	1	46	0	30	1	6	0	6
															☿			
6	0	9	16	1	12	1	52	20	4	41	1	34	0	48	1	32	0	6
9	0	14	53	1	18	1	50	40	4	37	1	18	1	0	4	8	0	18
12	0	20	25	1	24	1	49	0	4	32	0	57	1	30	6	39	0	30
15	0	25	52	1	18	1	45	0	4	22	0	35	1	42	9	36	0	36
18	0	31	7	1	24	1	43	20	4	18	0	2	1	42	11	21	0	48
											sept.		adde					
21	0	36	17	1	12	1	38	0	4	5	0	13	1	24	13	31	0	42
24	0	41	11	1	30	1	33	0	3	54	0	43	1	18	15	26	1	6
27	0	45	50	1	30	1	25	40	3	34	1	5	1	30	17	6	1	12
30	0	50	7	1	42	1	17	40	3	14	1	32	1	36	18	25	1	30
33	0	54	0	1	48	1	7	0	2	47	1	54	1	30	19	19	1	42
36	0	57	21	1	48	0	53	20	2	13	2	14	0	12	19	42	1	54
													miñe					
39	1	0	1	2	18	0	38	40	1	37	2	30	0	42	19	25	2	24
41	1	1	57	2	30	0	22	30	0	56	2	38	1	12	18	23	2	54
44	1	2	42	2	54	0	10	0	0	25	2	35	1	42	17	11	3	18
46	1	3	2	3	18	0	0	0	0	0	2	30	2	24	14	33	3	36
	retrog̃d'					miñe			miñe									
47	1	3	2	3	6	0	8	0	0	20	2	25	2	42	14	35	3	36
48	1	2	54	3	36	0	21	0	0	52	2	19	3	0	13	27	4	6
50	1	2	12	4	6	0	32	30	1	21	2	5	3	30	10	47	4	42
52	1	1	7	4	42	0	45	0	1	52	1	42	3	42	7	45	5	24
54	0	59	37	4	54	0	53	0	2	12	1	14	3	54	4	18	5	36
56	0	57	51	5	6	0	58	0	2	25	0	42	4	6	0	34	5	54

Residuū ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogd°			adde		mĩue			mĩue		sept.		mĩue		☉		mĩue	
58	0	55	55	5	18	0	57	0	2	22	0	9	4	12	3	18	6	6
											meri.		adde					
60	0	54	1	5	18	0	50	0	2	5	0	30	3	42	7	9	6	12
62	0	52	21	5	0	0	40	30	1	41	1	7	3	54	10	46	5	54
64	0	51	0	4	48	0	27	30	1	9	1	41	3	36	14	4	5	54
66	0	50	5	4	42	0	14	0	0	35	2	6	3	42	16	55	5	48
68	0	49	37	4	12	0	4	0	0	0	2	35	3	0	19	19	5	24
	directus					adde			adde									
69	0	49	33	3	54	0	6	0	0	15	2	46	2	48	20	21	5	24
70	0	49	39	3	54	0	14	30	0	36	2	58	2	30	21	14	5	12
72	0	50	8	3	48	0	27	30	1	9	3	15	2	12	22	41	5	12
74	0	51	3	3	18	0	41	30	1	44	3	28	1	30	23	41	4	42
76	0	52	26	3	6	0	51	20	2	8	3	35	1	12	24	15	4	36
79	0	55	0	2	54	1	6	0	2	45	3	39	0	24	24	33	4	24
													mĩue					
82	0	58	18	2	24	1	16	40	3	12	3	33	0	18	24	8	4	0
85	1	2	8	1	54	1	24	20	3	31	3	24	1	6	23	11	3	30
88	1	6	21	2	0	1	32	20	3	50	3	6	1	21	21	50	3	42
91	1	10	58	1	36	1	37	0	4	2	2	46	1	54	20	6	3	18
94	1	15	49	1	30	1	41	40	4	14	2	20	1	54	18	7	3	18
97	1	20	54	1	48	1	45	40	4	24	1	54	2	12	15	54	3	42
100	1	26	11	1	30	1	47	40	4	29	1	31	2	48	13	30	3	30
103	1	31	34	1	36	1	50	40	4	37	1	3	2	42	10	58	3	36
106	1	37	6	1	36	1	52	20	4	41	0	32	2	18	8	18	3	42
109	1	42	43	1	30	1	53	40	4	44	0	7	2	12	5	32	3	36
											sept.		adde					
112	1	48	24	1	30	1	53	40	4	44	0	15	2	18	2	43	3	42
															☿			
115	1	54	5	1	36	1	53	0	4	42	0	34	2	0	0	0	3	42

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		incri.		minue		☉		minue	
0	5	58	6	1	18	1	53	40	4	44	1	52	0	12	3	48	0	24
3	0	3	17	1	18	1	53	40	4	44	1	40	0	48	1	7	0	30
															☿		adde	
6	0	9	28	1	30	1	52	40	4	42	1	26	1	0	1	33	0	48
9	0	15	6	1	24	1	51	0	4	37	1	8	1	18	4	51	0	54
12	0	20	39	1	18	1	48	40	4	32	0	42	0	54	6	44	0	54
15	0	26	5	1	24	1	45	20	4	24	0	18	1	24	9	12	1	0
											sept.		adde					
18	0	31	21	1	42	1	42	40	4	17	0	5	1	30	11	29	1	30
21	0	36	29	1	48	1	39	0	4	7	0	26	1	30	13	38	1	42
24	0	41	26	1	42	1	33	0	3	52	0	56	1	18	15	37	1	48
27	0	46	5	1	42	1	26	20	3	36	1	20	0	42	17	18	1	54
30	0	50	24	1	42	1	18	0	3	15	1	43	0	36	18	40	2	0
33	0	54	18	1	54	1	7	0	2	47	1	59	0	18	19	36	2	18
													minue'					
36	0	57	39	2	12	0	55	0	2	17	2	16	0	24	20	1	2	42
39	1	0	24	2	30	0	39	20	1	38	2	23	0	54	19	49	3	12
42	1	2	22	3	18	0	24	30	1	1	2	26	1	42	18	52	3	54
44	1	3	11	3	18	0	11	30	0	29	2	18	2	0	17	44	4	0
	retrogd'					minue			minue									
46	1	3	34	3	42	0	1	0	0	2	2	6	2	18	16	9	4	30
47	1	3	33	4	12	0	3	0	0	7	1	58	2	12	15	10	5	0
48	1	3	30	4	12	0	18	30	1	46	1	49	2	36	14	8	5	0
50	1	2	53	4	36	0	29	30	1	14	1	30	3	6	11	34	5	30
52	1	1	54	4	42	0	44	0	1	50	1	5	3	36	8	39	5	36
54	1	1	26	5	0	0	52	0	2	10	0	35	3	54	5	14	6	6
56	0	58	42	5	12	0	57	0	2	22	0	1	4	0	1	33	6	18

Residuū ☿

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		mīue			mīue		merī.		adde		i	☉	mīue	
58	0	56	48	5	18	0	57	0	2	23	0	33	4	30	2	17	6	30
60	0	54	54	5	6	0	51	30	2	9	1	7	4	18	6	7	6	24
62	0	53	11	5	6	0	41	30	1	44	1	46	3	42	9	47	6	30
64	0	51	48	4	54	0	28	0	1	10	2	17	3	18	13	5	6	18
66	0	50	52	4	24	0	16	30	0	41	2	43	3	6	15	57	5	54
68	0	50	19	3	36	0	7	0	0	17	3	5	2	18	18	25	5	12
	directus					adde			adde									
69	0	50	12	4	0	0	6	0	0	15	3	14	2	12	19	27	5	24
70	0	50	18	3	42	0	14	0	0	35	3	23	2	6	20	22	5	18
72	0	50	46	3	12	0	25	0	1	2	3	37	1	24	21	49	4	48
74	0	51	36	2	54	0	40	30	1	41	3	43	1	0	22	54	4	36
76	0	52	57	2	30	0	50	40	2	7	3	47	0	18	23	29	4	12
													mīue					
79	0	55	29	2	0	1	4	20	2	41	3	43	0	36	23	49	3	48
82	0	58	42	1	48	1	15	0	3	7	3	30	0	54	23	28	3	36
85	1	2	27	1	48	1	24	40	3	32	3	13	1	42	22	36	3	42
88	1	6	41	1	36	1	31	0	3	47	2	52	2	18	21	13	3	30
91	1	11	14	1	24	1	36	40	4	2	2	27	2	30	19	33	3	24
94	1	16	4	1	36	1	42	40	4	17	2	1	2	48	17	34	3	42
97	1	21	12	1	18	1	44	40	4	22	1	32	2	42	15	17	3	24
100	1	26	26	1	24	1	48	0	4	30	1	3	2	36	15	55	3	30
103	1	31	50	1	30	1	50	40	4	37	0	36	2	36	10	22	3	42
106	1	37	22	1	24	1	52	0	4	40	0	9	2	30	7	41	3	30
											sept.		adde					
109	1	42	58	1	18	1	53	40	4	44	0	15	2	30	4	56	3	30
112	1	28	39	1	48	1	54	0	4	45	0	39	2	0	2	6	3	24
															☿			
115	1	54	21	1	12	1	53	0	4	44	0	54	1	54	0	43	3	18

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	Locus			Eqtio		ad Di.			ad ho		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			adde		adde			adde		meri.		mine		☉		mine	
0	5	58	29	1	36	1	53	40	4	44	1	50	0	48	3	44	1	6
3	0	4	0	1	42	1	54	20	4	46	1	33	0	54	1	2	1	18
															☿		adde	
6	0	9	42	1	30	1	52	20	4	41	1	16	1	18	1	41	1	12
9	0	15	20	1	36	1	50	40	4	37	0	55	1	24	4	20	2	24
12	0	20	52	1	42	1	49	20	4	32	0	33	1	54	6	53	1	36
15	0	26	19	1	48	1	46	20	4	20	0	4	1	30	9	22	1	54
											.sept.		adde					
18	0	31	38	1	42	1	43	0	4	17	0	20	1	30	11	44	1	54
21	0	36	47	1	36	1	38	20	4	6	0	42	1	36	13	55	1	54
24	0	41	43	1	42	3	33	0	3	53	1	9	0	54	15	55	2	6
27	0	46	22	2	0	1	26	20	3	36	1	27	0	54	17	37	2	30
30	0	50	41	2	18	1	18	40	3	17	1	49	0	24	19	0	2	54
33	0	54	37	2	48	1	8	0	2	50	2	2	0	0	19	59	3	30
													mine					
36	0	58	1	2	54	0	56	0	2	20	2	12	0	42	20	28	3	42
39	1	0	49	3	18	0	42	0	1	45	2	14	1	12	20	21	4	12
42	1	2	55	3	18	0	24	30	1	1	2	9	1	54	19	31	4	24
44	1	3	44	3	45	0	13	30	0	34	1	58	2	42	18	24	4	54
46	1	4	11	4	12	0	4	0	0	10	1	43	3	0	16	54	5	18
	retrogd'					mine			mine									
47	1	4	15	4	12	0	3	0	0	7	1	36	3	30	16	0	5	18
48	1	4	12	4	18	0	16	30	0	41	1	23	3	24	14	58	5	30
50	1	3	39	4	36	0	29	0	1	12	0	59	3	48	12	29	5	54
52	1	2	41	4	54	0	42	30	146		0	22	4	0	9	35	6	18
											meri.		adde					
54	1	1	16	5	24	0	51	0	2	7	0	4	3	54	6	15	6	48
56	1	59	34	5	18	0	56	30	2	21	0	39	3	54	2	36	6	48

Residuũ ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃uo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrog̃d⁹			adde		mĩue			mĩue		meri.		adde		☉		mĩue	
58	0	57	41	5	12	0	58	0	2	25	1	18	3	24	1	12	6	48
60	0	55	45	5	0	0	51	30	2	7	1	50	3	30	5	3	6	36
62	0	54	2	4	36	0	42	30	1	46	2	23	3	24	8	42	6	12
64	0	52	37	4	0	0	30	30	1	16	2	50	3	6	12	2	5	42
66	0	51	36	3	42	0	20	30	0	51	3	14	2	18	14	58	5	24
68	0	50	55	3	30	0	3	0	0	7	3	28	2	0	17	32	5	12
	directus					adde			adde									
69	0	50	52	3	12	0	3	0	0	7	3	36	1	36	18	33	4	54
70	0	50	55	2	42	0	11	30	0	29	3	44	1	12	19	29	4	24
72	0	51	13	2	24	0	23	30	0	59	3	51	0	42	21	1	4	12
74	0	52	5	2	12	0	38	30	1	36	3	53	0	30	22	8	4	0
													mĩue					
76	0	53	22	2	0	0	49	0	2	2	3	50	0	24	22	47	3	54
79	0	55	49	1	48	1	3	40	2	39	3	37	1	12	23	11	3	42
82	0	59	0	1	42	1	15	0	3	7	3	21	1	42	22	52	3	42
85	1	2	45	1	36	1	24	0	3	30	2	56	1	42	22	59	3	42
88	1	6	57	1	24	1	30	20	3	46	2	29	1	54	20	38	3	36
91	1	11	28	1	36	1	37	20	4	3	2	2	2	18	18	59	3	42
94	1	16	20	1	18	1	41	40	4	14	1	33	2	36	16	57	3	24
97	1	21	25	1	18	1	45	0	4	22	1	5	2	42	14	43	3	24
100	1	26	40	1	12	1	48	20	4	31	0	38	2	54	12	20	3	24
103	1	32	5	1	12	1	50	20	4	36	0	19	2	42	9	45	3	18
											sept.		adde					
106	1	37	36	1	12	1	51	40	4	39	0	16	2	42	7	6	3	24
109	1	43	11	0	54	1	53	40	4	44	0	40	2	12	4	21	3	0
112	1	48	52	0	48	1	43	40	4	44	0	55	1	54	1	32	2	54
															☿		adde	
115	1	54	33	0	42	1	53	0	4	43	1	16	1	30	1	16	2	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		minue		☉		minue	
0	5	58	35	2	0	1	54	0	4	45	1	42	1	0	3	33	1	48
3	0	4	17	2	0	1	53	40	4	44	1	23	1	18	0	49	1	54
															☿		adde	
6	0	9	58	2	0	1	52	40	4	44	1	3	1	36	1	53	2	6
9	0	15	36	2	0	1	51	0	4	37	0	41	1	42	4	34	2	12
12	0	21	9	1	54	1	49	20	4	33	0	18	1	30	7	9	2	18
											sept.		adde					
15	0	26	37	1	42	1	46	0	4	25	0	11	1	36	9	41	2	6
18	0	31	55	1	54	1	42	40	4	17	0	35	1	30	12	3	2	24
21	0	37	3	2	30	1	39	0	4	7	0	58	1	0	14	14	3	12
24	0	42	0	2	18	1	34	0	3	55	1	18	1	0	16	16	3	0
27	0	46	42	2	24	1	27	20	3	38	1	36	0	30	18	2	3	12
													minue					
30	0	51	4	2	36	1	20	20	3	21	1	53	0	6	19	29	3	30
33	0	55	5	2	36	1	8	20	2	51	2	2	0	36	20	34	3	42
36	0	58	30	3	12	0	57	20	2	23	2	5	1	6	21	5	4	24
39	1	1	22	3	30	0	42	0	1	45	2	2	1	36	21	3	4	48
42	1	3	28	3	54	0	27	0	1	7	1	50	2	24	20	15	5	18
44	1	4	22	4	30	0	14	30	0	39	1	31	2	30	19	13	6	0
46	1	4	53	4	30	0	4	0	0	10	1	13	2	54	17	47	6	0
	retrogd⁹					minue			minue									
47	1	4	57	4	42	0	2	0	0	5	1	1	3	0	16	53	6	18
48	1	4	55	4	54	0	15	0	0	37	0	49	3	6	15	53	6	30
50	1	4	25	5	6		27	30	1	9	0	21	3	12	13	28	6	42
											meri.		ddea					
52	1	3	30	5	6	0	40	0	1	40	0	8	3	0	10	30	6	42
54	1	2	10	5	12	0	51	30	2	9	0	43	3	54	7	23	6	54
56	1	0	29	5	18	0	57	0	2	22	1	18	4	18	3	40	7	0
															☉		minue	
58	0	58	33	5	6	0	59	0	2	27	1	52	4	12	0	4	6	48

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elonga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd			adde		minue			minue		meri.		adde		i ☉		minue	
60	0	56	35	4	42	0	53	30	2	14	2	25	3	42	3	57	6	24
62	0	54	48	4	18	0	45	30	1	54	2	57	3	6	7	40	6	6
64	0	53	17	3	54	0	33	0	1	20	3	21	2	42	11	5	5	42
66	0	52	13	3	18	0	21	30	0	54	3	37	2	0	14	41	5	12
68	0	51	34	3	0	0	6	0	0	15	3	48	1	30	16	44	4	54
99	0	51	24	2	42	0	2	0	0	5	3	52	1	12	17	44	4	36
	Directus					adde			adde									
70	0	51	22	2	36	0	10	0	0	23	3	56	0	54	18	45	4	36
72	0	51	42	2	18	0	22	30	0	56	3	58	0	6	20	19	4	18
													minue					
74	0	52	27	2	0	0	27	30	1	34	3	58	1	0	21	28	4	6
76	0	53	42	1	36	0	48	20	2	1	3	46	1	6	22	8	3	42
79	0	56	7	1	36	1	3	20	2	38	3	25	1	18	22	34	3	42
82	0	59	17	1	18	1	14	40	3	7	3	4	2	6	22	15	3	30
85	1	3	1	1	30	1	23	20	3	28	2	39	2	42	21	22	3	6
88	1	7	11	1	18	1	31	0	3	47	2	10	3	6	20	3	3	24
91	1	11	44	1	12	1	36	20	4	1	1	39	3	6	18	22	3	24
94	1	16	33	1	24	1	41	40	4	14	1	7	2	54	16	23	3	30
97	1	21	38	1	30	1	44	40	4	22	0	38	3	6	14	9	3	42
110	1	26	52	1	18	1	48	20	4	31	0	9	2	54	14	9	3	42
											sept.		adde					
103	1	32	17	1	10	1	50	20	4	36	0	17	2	36	9	12	3	12
106	1	37	48	0	54	1	50	40	4	37	0	43	2	6	6	32	3	0
109	1	43	20	0	54	1	53	20	4	43	1	2	2	0	3	51	3	0
112	1	49	0	0	42	1	53	20	4	43	1	18	1	48	1	3	2	54
															☿		adde	
115	1	54	40	0	30	1	53	0	4	42	1	28	1	18	1	45	2	36

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		meri.		mīue		⊙		mīue	
0	5	58	55	2	6	1	54	0	4	45	1	32	1	24	3	15	2	24
3	0	4	37	1	54	1	13	40	4	44	1	10	1	30	0	30	2	18
																☿		
6	0	10	18	2	0	1	52	40	4	42	0	47	1	18	2	14	2	30
9	0	15	56	2	6	1	50	40	4	37	0	24	1	24	4	56	2	42
											sept.		adde					
12	0	21	28	2	12	1	48	40	4	32	0	1	1	42	7	32	2	48
15	0	26	54	2	24	1	46	40	4	27	0	27	1	42	10	2	3	12
18	0	32	14	2	30	1	44	40	4	22	0	50	1	6	12	27	3	24
21	0	37	28	2	6	1	38	20	4	6	1	8	0	54	14	46	3	0
24	0	42	23	2	30	1	34	20	3	56	1	28	0	24	16	46	3	36
27	0	47	6	2	36	1	28	0	3	40	1	41	0	18	18	34	3	48
													mīue					
30	0	51	30	3	0	1	20	20	3	21	1	52	0	18	20	4	4	24
36	0	55	31	3	12	1	10	20	2	56	1	56	0	42	21	11	4	36
36	0	59	2	3	30	0	58	20	2	26	1	54	1	24	21	49	5	0
39	1	1	57	3	42	0	43	20	1	48	1	46	2	0	21	51	5	18
42	1	4	7	4	24	0	30	0	1	15	1	26	2	42	21	8	6	0
44	1	5	7	4	30	0	15	30	0	39	1	6	2	48	20	13	6	6
46	1	5	38	4	48	0	6	0	0	15	0	44	3	36	18	47	6	30
47	1	5	44	5	0	0	0	0	0	0	0	32	3	42	17	56	6	42
	retrogād°					mīue			mīue									
48	1	5	44	5	0	0	14	0	0	35	0	18	3	54	16	58	6	42
											meri.		adde					
50	1	5	16	5	18	0	27	30	1	9	0	11	4	12	14	35	7	0
52	1	4	21	5	12	0	39	30	1	39	0	43	4	18	11	45	7	0
54	1	3	2	5	12	0	51	0	2	7	1	22	3	48	8	32	7	0
56	1	1	20	4	48	0	58	0	2	25	2	1	3	6	4	54	6	42
58	0	59	24	4	30	1	1	0	2	32	2	34	2	48	1	45	6	24

Residuũ ☿

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d°			adde		mĩue			mĩue		meri.		adde		☉		mĩue	
60	0	57	22	4	24	0	59	30	2	19	3	2	2	36	2	53	6	24
62	0	55	31	3	54	0	47	30	1	59	3	28	2	6	6	39	5	54
64	0	53	56	3	24	0	35	0	1	24	3	48	1	18	10	8	5	30
66	0	52	48	2	54	0	23	0	0	54	3	54	0	54	13	12	5	0
68	0	52	0	2	54	0	9	0	0	22	4	3	0	12	15	52	5	0
													mĩue					
69	0	51	51	2	30	0	3	0	0	7	4	4	0	18	16	58	4	36
	Directus					adde			adde									
70	0	51	48	2	18	0	8	30	0	21	4	5	0	42	17	59	4	24
72	0	52	5	2	0	0	21	0	0	52	3	59	0	54	19	36	4	12
74	0	52	47	1	54	0	35	30	1	29	3	48	0	54	20	47	4	0
76	0	53	58	1	48	0	48	20	2	1	3	35	1	30	21	31	3	54
79	0	56	23	1	30	1	2	20	2	36	3	12	2	12	21	57	3	42
82	0	59	30	1	36	1	15	20	3	8	2	43	2	54	21	40	3	42
85	1	3	16	1	18	1	22	40	3	27	2	12	3	12	20	46	3	24
88	1	7	24	1	30	1	30	40	3	47	1	38	3	36	19	29	3	42
91	1	11	56	1	30	1	37	0	4	2	1	8	3	36	17	48	3	36
94	1	16	47	1	12	1	42	0	4	15	0	38	3	36	15	48	3	24
97	1	21	53	1	0	1	44	0	4	20	0	7	3	12	13	32	3	6
											sept.		adde					
100	1	27	5	1	6	1	47	20	4	28	0	20	3	6	11	12	3	12
103	1	32	27	1	0	1	50	0	4	35	0	43	2	48	8	40	3	6
106	1	37	45	0	48	1	50	40	4	37	1	4	2	24	6	2	2	54
109	1	43	29	0	42	1	52	40	4	42	1	23	1	48	3	21	2	48
112	1	49	7	0	12	1	52	40	4	42	1	36	1	0	0	34	2	12
				mĩue											☿		adde	
115	1	54	45	0	6	1	52	0	4	40	1	41	0	6	2	11	1	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		meri.		minue		☉		minue	
0	5	59	36	2	12	1	53	20	4	43	1	18	1	36	2	51	2	48
3	0	4	56	1	24	1	54	0	4	45	0	55	1	48	0	7	3	6
															☿		adde	
6	0	10	38	2	18	1	53	0	4	42	0	34	1	54	2	35	3	6
9	0	16	17	2	12	1	51	0	4	37	0	6	1	30	5	23	3	6
											sept.		adde					
12	0	21	50	2	18	1	49	20	4	33	0	18	1	24	8	0	3	24
15	0	27	18	2	18	1	47	0	4	27	0	44	0	54	10	34	3	24
18	0	32	39	2	24	1	43	0	4	17	1	1	1	6	13	1	3	42
21	0	37	49	2	36	1	40	0	4	10	1	17	0	42	15	16	4	6
24	0	42	48	2	48	1	34	40	3	57	1	32	0	24	17	22	4	18
													minue					
27	0	47	32	3	6	1	29	20	3	43	1	44	0	18	19	12	4	42
30	0	52	0	3	6	1	21	0	3	22	1	47	0	42	20	48	0	42
33	0	56	3	3	24	1	11	20	2	58	1	49	1	12	21	57	5	6
36	0	59	37	3	54	0	59	0	2	27	1	40	2	6	22	39	5	36
39	1	2	34	4	12	0	45	40	1	54	1	26	2	30	22	44	5	54
42	1	4	51	4	18	0	30	30	1	10	0	59	2	54	22	8	6	6
44	1	5	52	4	30	0	17	0	0	42	0	28	3	6	21	14	6	24
46	1	6	26	4	48	0	8	0	0	20	0	8	2	42	19	52	6	42
											meri.		adde					
47	1	6	34	4	48	0	0	0	0	0	0	4	2	6	19	3	6	42
	retrog̃d.					minue			minue									
48	1	6	34	4	48	0	12	30	0	31	0	21	3	6	18	5	6	42
50	1	6	9	4	42	0	28	0	1	10	0	53	3	12	15	45	6	42
52	1	5	13	4	48	0	39	30	1	30	1	26	2	48	12	55	6	48
54	1	3	54	4	42	0	53	0	2	12	2	0	3	0	17	42	6	48
56	1	2	8	4	30	0	59	30	2	29	2	32	2	30	6	1	6	36
58	1	0	9	4	12	1	1	0	2	34	3	2	2	0	2	8	6	18

Residuū ☿

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Di	S	Locus g	m	Eq̃tio m̃	2	ad vi. g̃	m̃	2	ad ho m̃	2	Lati. g̃	m̃	Eq̃tio m̃	2	Elōga. g̃	m̃	Eq̃tio m̃	2
es	retrogd'			adde		miue			miue		meri.		adde		☉		miue	
60	0	58	6	3	42	0	58	0	2	25	3	28	1	42	1	49	5	48
62	0	56	10	3	24	0	50	0	2	5	3	49	1	18	5	40	5	36
64	0	54	30	2	54	0	37	30	1	34	4	1	0	48	9	13	5	0
66	0	53	15	2	36	0	23	0	0	57	4	6	0	18	12	22	4	42
68	0	52	29	2	18	0	13	0	0	32	4	5	0	0	15	2	4	24
													miue					
69	0	52	16	2	36	0	5	0	0	12	4	1	0	12	16	12	4	30
	directus					adde			adde									
70	0	52	11	2	0	*0	7	0	0	17	3	58	0	36	17	15	4	12
72	0	52	25	2	6	0	20	30	0	51	3	50	1	30	18	54	4	12
74	0	53	6	2	0	0	35	0	1	27	3	39	2	6	20	7	4	6
76	0	54	16	2	0	0	47	20	1	58	3	20	2	36	20	52	4	12
79	0	56	38	1	48	1	2	40	2	37	2	50	3	24	21	20	3	54
82	0	59	46	1	36	1	14	20	3	6	2	14	3	12	21	3	3	42
85	1	3	29	1	36	1	23	20	3	28	1	40	3	18	20	12	3	48
88	1	7	39	1	24	1	30	40	3	47	1	3	2	54	18	52	3	30
31	1	12	11	1	42	1	36	0	4	0	0	32	3	18	17	12	3	54
94	1	16	59	1	24	1	41	20	4	13	0	2	3	0	15	14	3	30
											sept.		adde					
97	1	22	3	1	6	1	44	20	4	21	0	25	2	49	13	1	3	12
100	1	27	16	1	0	1	47	0	4	27	0	51	2	6	10	40	3	6
103	1	32	37	0	48	1	49	20	4	33	1	11	1	18	8	9	2	48
106	1	38	5	0	24	1	50	20	4	36	1	28	0	36	5	33	2	18
													miue					
109	1	43	3	36	0	12	51	0	4	37	1	40	0	18	2	52	2	6
112	1	49	9	0	6	1	51	40	4	39	1	46	1	0	0	12	1	42
																☿		
115	1	54	44	0	24	1	50	0	4	35	1	42	1	6	2	30	1	18

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elóga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		minue		☉		minue	
0	5	59	38	2	12	1	54	0	4	45	1	1	2	42	2	23	3	36
															☿		adde	
3	0	5	20	2	6	1	53	40	4	44	0	37	1	30	0	24	3	12
6	0	11	1	2	12	1	52	40	4	42	0	15	1	36	3	10	3	24
											sept.		adde					
9	0	16	39	2	18	11	51	20	4	38	0	9	1	30	5	54	3	36
12	0	22	13	2	30	1	49	20	4	33	0	32	1	30	8	34	3	54
15	0	27	41	2	42	1	47	20	4	28	0	53	1	18	11	8	4	12
18	0	33	3	2	42	1	44	0	4	20	1	12	0	48	13	38	4	12
21	0	38	15	2	48	1	40	20	4	11	1	24	0	30	15	56	4	24
													minue					
24	0	43	16	3	0	1	35	40	3	59	1	36	0	6	18	5	4	36
27	0	48	3	2	54	1	29	20	3	43	1	41	0	18	19	59	4	36
30	0	52	31	3	18	1	22	0	3	25	1	42	1	0	21	32	5	0
33	0	56	37	3	24	1	13	0	3	2	1	37	1	24	22	48	5	30
36	1	0	16	3	24	1	0	0	4	30	1	19	1	36	23	35	5	36
39	1	3	16	4	0	0	46	0	1	55	1	1	2	30	23	43	6	0
42	1	5	34	4	6	0	31	30	1	19	0	30	2	18	23	9	6	6
44	1	6	37	4	6	0	18	30	0	46	0	7	2	48	22	18	6	12
											meri.		adde					
46	1	7	14	4	6	0	8	0	0	20	0	19	1	12	20	59	6	12
47	1	7	22	4	6	0	0	0	0	6	0	35	4	18	20	30	6	12
	retrogd°					minue			minue									
48	1	7	22	4	12	0	13	0	0	32	0	52	2	54	19	12	6	18
50	1	6	56	4	0	0	27	30	1	9	1	25	1	48	16	56	6	6
52	1	6	1	4	6	4	40	0	1	40	1	54	2	12	14	3	6	18
54	1	4	41	3	48	0	54	0	2	15	2	30	2	24	10	50	5	54
56	1	2	53	3	36	1	1	0	2	32	2	59	2	18	7	7	5	42
58	1	0	51	3	12	1	4	0	2	40	3	22	2	48	3	11	5	18

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogđ᷈			adde		miue			miue		meri.		adde		☉		miue	
60	0	58	43	3	6	0	59	30	2	29	3	45	1	48	0	51	1	18
62	0	56	44	2	54	0	52	30	2	11	4	2	1	0	4	44	5	0
64	0	54	59	2	42	0	39	0	1	37	4	9	0	24	8	23	4	48
													miue					
66	0	53	41	2	42	0	24	30	1	1	4	9	0	30	11	35	4	54
68	0	52	52	2	24	0	10	30	1	26	4	5	1	12	14	18	4	36
	Directus					adde			adde									
70	0	52	31	2	24	0	5	0	0	12	3	52	1	42	16	33	4	30
71	0	52	36	2	0	0	10	0	0	25	3	44	2	0	17	26	4	36
72	0	52	46	1	54	0	20	0	0	50	3	35	2	18	18	12	4	0
74	0	53	26	1	54	0	25	1	2	27	3	18	2	36	19	26	4	6
76	0	54	36	1	36	0	46	40	1	57	2	54	2	42	20	10	3	42
79	0	56	56	2	0	1	2	0	2	35	2	16	2	42	20	41	4	6
82	1	0	2	2	0	1	14	20	3	6	1	42	3	18	20	26	4	12
85	1	3	45	1	48	1	22	40	3	27	1	7	3	24	19	34	3	48
88	1	7	53	1	48	1	31	40	3	49	0	34	3	24	18	17	3	54
											sept.		adde					
91	1	12	28	1	6	1	25	0	3	57	0	1	2	36	16	33	3	6
94	1	17	13	1	24	1	40	20	4	11	0	28	1	48	14	39	3	24
97	1	22	14	1	12	1	44	0	4	20	0	53	0	54	12	29	3	6
100	1	27	26	0	42	1	46	20	4	26	1	12	0	30	10	9	2	30
103	1	32	45	0	18	1	48	0	4	30	1	24	0	6	7	41	2	0
													miue					
106	1	38	9	0	18	1	49	40	4	34	1	34	0	24	5	10	2	0
				miue														
109	1	43	38	0	6	1	50	0	4	35	1	37	0	36	2	32	1	30
															☿			
112	1	49	8	0	24	1	50	40	4	37	1	36	0	54	0	5	1	12
																	adde	
115	1	54	40	1	0	1	49	20	4	33	1	31	1	18	2	43	0	36

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		meri.		miue		☉		miue	
0	0	0	0	2	12	1	53	40	4	44	0	42	1	54	1	52	3	36
															☿		adde	
3	0	5	41	2	30	1	54	0	4	45	0	22	1	54	0	56	3	54
											sept.		adde					
6	0	11	23	2	24	1	53	0	4	42	0	1	1	54	3	44	3	54
9	0	17	2	2	24	1	52	0	4	40	0	24	1	42	6	30	4	0
12	0	22	38	2	24	1	50	0	4	35	0	47	1	24	9	13	4	0
15	0	28	8	2	30	1	47	20	4	28	1	6	0	54	11	50	4	12
18	0	33	30	2	42	1	44	20	4	21	1	20	0	24	14	20	4	30
21	0	38	43	2	48	1	41	0	4	12	1	29	0	18	16	10	4	36
													miue					
24	0	43	46	2	54	1	35	20	3	58	1	35	0	12	18	51	4	48
27	0	48	32	3	12	1	30	40	3	47	1	38	0	42	20	45	5	6
30	0	53	4	3	18	1	23	20	3	28	1	32	1	12	22	25	5	18
33	0	57	14	3	12	1	13	0	3	2	1	23	2	0	23	43	5	18
36	1	0	53	3	18	1	1	0	2	32	1	3	2	24	24	31	5	24
39	1	3	56	3	12	0	46	20	1	56	0	36	2	12	24	43	5	18
42	1	6	15	3	12	0	31	30	1	19	0	7	3	6	24	10	5	24
											meri.		adde					
44	1	7	18	3	6	0	18	30	0	46	1	21	2	36	23	20	5	12
46	1	7	55	3	12	0	8	0	0	20	0	51	2	30	22	1	5	18
47	1	8	2	2	54	0	1	0	0	2	1	6	2	48	21	12	5	0
	retrog̃d'					miue			miue									
48	1	8	4	3	0	0	14	0	0	35	1	21	3	12	20	15	5	6
50	1	7	36	3	6	0	27	0	1	7	1	43	4	12	17	53	5	18
52	1	7	42	2	42	0	36	30	1	31	2	16	3	54	15	6	4	48
54	1	5	19	2	42	0	55	0	2	17	2	54	2	42	11	49	0	48
56	1	3	29	2	36	1	3	0	2	37	3	22	1	54	8	4	4	48
58	1	1	23	2	42	1	4	30	2	41	3	50	0	48	4	4	4	54
60	0	59	14	2	24	1	0	30	2	31	4	3	0	36	0	2	4	30

Residuū ☿

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		Locus		Eq̄tio		ad vi.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d'			adde		minue			minue		meri.		minue		☉		minue	
62	0	57	13	2	12	0	53	20	2	14	4	12	0	18	3	54	4	18
64	0	55	26	2	6	0	39	0	1	37	4	13	20	48	4	34	4	18
66	0	54	8	2	0	0	26	0	1	5	4	4	0	54	10	48	4	6
68	0	53	16	1	54	0	10	30	0	26	3	53	1	36	13	32	4	0
	directus					adde			adde									
70	0	52	45	2	0	0	1	0	0	2	3	35	1	48	15	48	4	6
71	0	52	56	2	30	0	9	0	0	22	3	24	2	12	16	43	4	24
72	0	53	5	2	24	0	20	0	0	50	3	12	2	30	17	32	4	36
74	0	53	45	2	12	0	33	30	1	24	2	52	3	0	18	45	4	18
76	0	54	52	2	12	0	48	0	2	0	2	27	3	12	19	33	4	18
79	0	57	16	2	0	1	2	0	2	35	1	49	3	12	20	0	4	6
82	1	0	22	2	0	1	13	20	3	3	1	9	2	42	19	44	4	0
85	1	4	2	1	54	1	23	0	3	27	0	33	2	0	18	56	3	48
											sept.		adde					
88	1	8	11	1	42	1	29	20	3	43	0	0	1	18	17	38	3	36
91	1	12	39	1	24	1	36	0	4	0	0	27	1	6	16	2	3	24
94	1	17	27	1	6	1	39	40	4	9	0	46	0	54	14	5	2	48
97	1	22	26	0	48	1	42	20	4	16	1	2	0	42	11	58	2	30
100	1	27	33	0	42	1	45	0	4	22	1	17	0	12	9	44	2	24
103	1	32	48	0	36	1	48	0	4	30	1	25	0	0	1	21	-2	12
													minue					
106	1	38	12	0	0	1	48	20	4	31	1	30	8	24	4	50	1	36
				minue														
109	1	43	37	0	18	1	46	0	4	32	1	31	0	36	2	17	1	12
															☿		adde	
112	1	49	4	0	48	1	48	40	4	32	1	27	1	6	0	17	0	36
115	1	54	30	1	6	1	49	0	4	32	1	18	1	30	2	41	0	12

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	Locus			Eq̃tio		ad di.			ad ho		Lati:		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m	m̃	2	g̃	m̃	m̃	2
es	directus			adde		adde			adde		meri.		mĩue		⊙		mue	
0	0	0	23	2	12	1	54	40	4	47	0	26	2	0	3	16	3	48
															☿.		adde	
3	0	6	6	2	0	1	53	40	4	44	0	3	1	54	3	35	3	42
											sept.		adde					
9	0	11	47	2	24	1	53	0	4	42	0	20	1	36	4	23	4	6
9	0	17	26	2	18	1	52	0	4	40	0	41	1	24	7	10	4	0
12	0	23	2	2	30	1	50	20	4	36	1	1	1	6	9	53	4	18
15	0	28	33	2	30	1	48	0	4	30	1	15	0	48	12	32	4	24
18	0	33	57	2	36	1	44	40	4	22	1	24	0	24	15	5	4	30
21	0	39	11	2	36	1	41	20	4	13	1	32	0	0	17	26	4	36
													mĩue					
24	0	44	15	2	36	1	36	20	4	1	1	33	0	36	19	39	4	42
27	0	49	4	2	42	1	31	0	3	47	1	31	1	0	21	36	4	48
30	0	53	37	2	24	1	23	0	3	27	1	20	1	24	23	18	4	30
33	0	57	46	2	24	1	13	20	3	3	1	3	1	36	24	36	4	30
36	1	1	26	2	24	1	0	40	2	32	0	39	1	54	25	25	4	30
39	1	4	28	2	18	0	46	20	1	56	0	14	2	42	25	36	4	30
											meri.		adde					
42	1	6	47	2	24	0	31	0	1	17	0	24	2	54	25	4	4	30
44	1	7	49	2	24	0	19	0	0	47	0	47	3	12	24	12	4	30
46	1	8	27	1	54	0	5	0	0	12	1	16	2	54	22	54	4	6
47	1	8	32	2	6	0	2	0	0	5	1	34	2	36	22	2	4	18
	retrog̃d°					mĩue			mĩue									
48	1	8	34	1	54	0	13	30	0	34	1	53	2	12	21	6	4	6
50	1	8	7	1	30	0	29	0	1	12	2	25	2	0	18	46	3	36
52	1	7	9	1	42	0	41	30	1	44	2	55	1	42	15	54	3	48
54	1	5	46	1	30	0	55	30	2	19	3	21	1	03	12	37	3	42
56	1	3	55	1	18	1	2	30	2	6	3	48	1	30	8	52	3	24
58	1	1	50	1	12	1	6	0	2	45	3	58	0	42	4	53	3	18
60	0	59	38	1	24	1	1	30	2	34	4	9	0	12	0	57	3	30

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Locus				Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			adde		mĩue			mĩue		meri.		mĩue		☉		mĩue	
62	0	57	35	1	42	0	54	0	2	15	4	9	0	18	3	11	3	54
64	0	55	47	1	42	0	39	30	1	37	4	5	1	6	6	52	3	48
66	0	54	28	1	48	0	26	30	1	6	3	55	1	48	10	5	3	54
68	0	53	35	2	12	0	10	0	0	25	3	37	2	24	12	52	4	18
	Directus					adde			adde									
70	0	53	15	2	18	0	6	0	0	15	3	17	2	24	15	7	4	24
71	0	53	21	2	0	0	8	0	0	20	3	2	2	18	15	57	4	18
72	0	53	29	2	18	0	19	0	0	47	2	47	2	18	16	40	4	18
74	0	54	7	2	24	0	33	30	1	24	2	22	2	6	18	2	4	24
76	0	55	14	2	36	0	47	20	1	58	1	55	1	48	18	50	4	30
79	0	57	36	2	36	1	2	0	2	35	1	17	2	0	19	19	4	30
82	1	0	42	2	12	1	13	0	3	2	0	42	1	36	19	4	4	0
85	1	4	21	2	12	1	22	20	3	26	0	12	1	30	18	18	4	0
											sept.		adde					
88	1	8	28	2	0	1	29	0	3	42	0	13	1	42	17	2	3	42
91	1	12	55	1	30	1	34	20	3	56	0	38	0	54	15	28	3	6
94	1	17	38	1	0	1	38	40	4	7	0	55	0	36	13	37	2	36
97	1	22	34	0	48	1	42	0	4	15	1	9	0	24	11	33	2	18
100	1	27	40	0	36	1	44	40	4	22	1	19	0	6	9	20	2	0
													mĩue					
103	1	32	54	0	6	1	46	0	4	25	1	25	0	18	6	59	1	30
				mĩue														
106	1	38	12	0	12	1	47	20	4	28	1	26	0	18	4	34	1	0
109	1	43	34	0	36	1	47	20	4	28	1	25	1	18	2	5	0	30
															☿		adde	
112	1	48	56	0	48	1	47	40	4	29	1	16	1	30	0	23	0	6
																	mĩue	
112	1	54	19	1	12	1	48	0	4	30	1	3	1	30	2	51	0	24

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Dies	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
	Directus			adde		adde			adde		meri.		miue		☉		miue	
0	0	0	44	2	0	1	54	0	4	45	0	6	2	12	0	38	3	42
											sept.		adde		☿		adde	
3	0	6	26	2	18	1	55	0	4	47	0	16	2	6	2	12	4	6
6	0	12	11	2	6	1	52	40	4	43	0	36	1	54	5	4	4	0
9	0	17	49	2	18	1	52	40	4	42	0	55	2	36	7	50	4	18
12	0	23	27	2	12	1	50	20	4	36	1	12	0	48	10	36	4	12
15	0	28	58	2	12	1	48	20	4	31	1	23	0	24	12	16	4	18
18	0	34	23	1	6	1	44	40	4	22	1	28	0	0	15	50	4	12
													miue					
21	0	39	37	2	6	1	41	20	4	12	1	32	0	30	18	12	4	18
24	0	44	41	2	6	1	36	40	4	2	1	27	0	42	20	26	4	12
27	0	49	31	2	0	1	30	0	3	45	1	21	1	6	22	24	4	6
30	0	54	1	2	0	1	23	0	3	27	1	6	1	42	24	3	4	12
33	0	58	10	2	0	1	13	20	3	3	0	47	2	12	25	21	4	6
36	1	1	50	1	24	1	0	20	2	31	0	20	2	24	26	10	3	36
											meri.		adde					
39	1	4	51	1	18	0	46	20	1	56	0	13	2	12	26	21	3	24
42	1	7	11	0	48	0	31	0	1	17	0	53	2	18	25	49	3	0
44	1	8	16	0	36	0	16	30	0	41	1	19	2	36	24	37	2	48
46	1	8	46	0	30	0	7	0	0	17	1	45	2	36	23	35	2	36
47	1	8	53	0	36	0	0	0	0	0	2	0	2	24	22	45	2	36
	retogd'					miue			miue									
48	1	8	53	0	0	0	15	30	0	39	2	15	2	12	21	47	2	12
				miue														
50	1	8	22	0	6	0	28	0	1	10	2	45	2	4	19	22	2	0
52	1	7	26	0	18	0	42	30	1	46	3	12	1	48	16	32	1	54
54	1	6	1	0	6	0	56	30	2	21	3	36	1	6	13	14	2	0
				adde														
56	1	4	8	0	6	1	3	0	2	37	3	56	0	24	9	26	2	12
													miue					
58	1	2	2	0	18	1	5	0	2	42	4	5	0	12	5	26	2	24
60	0	59	52	0	24	1	0	0	2	30	4	11	0	36	1	22	2	30

Residuū ☿

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogd°			adde		mīue			mīue		meri.		mīue		⊙		mīue	
62	0	57	52	0	42	0	54	0	2	15	4	6	0	48	2	32	2	42
64	0	56	4	1	12	0	39	0	1	37	3	54	0	54	6	14	3	12
66	0	54	46	1	42	0	24	30	1	1	3	37	0	54	9	26	3	36
68	0	53	57	1	54	0	9	30	0	24	3	13	0	54	12	9	3	48
	Directus					adde			adde									
70	0	53	38	2	18	0	3	0	0	7	2	53	1	48	14	23	4	6
71	0	53	41	2	18	0	11	0	0	26	2	39	1	42	15	16	4	6
72	0	53	52	2	18	0	19	30	0	49	2	24	1	36	16	3	4	6
74	0	54	31	2	30	0	34	30	1	26	2	1	2	0	17	58	4	12
76	0	55	40	2	36	0	47	20	1	58	1	37	1	54	18	5	4	18
79	0	58	2	2	30	1	0	40	2	32	0	57	1	48	18	34	4	6
82	1	1	4	2	18	1	13	0	3	3	0	26	1	48	18	24	3	54
											sept.		adde					
85	1	4	43	1	36	1	21	20	3	24	0	2	1	24	17	38	3	6
88	1	8	48	1	24	1	27	40	3	38	0	30	1	6	16	25	2	54
91	1	13	10	1	24	1	32	40	3	52	0	47	1	6	14	57	2	48
94	1	17	48	1	12	1	38	0	4	5	1	1	0	48	13	11	2	30
97	1	22	42	0	48	1	41	20	4	13	1	13	0	12	11	10	2	0
													mīue					
110	1	27	46	0	18	1	43	20	4	17	1	20	0	12	6	0	1	24
				mīue														
103	1	32	55	0	6	1	45	0	4	22	1	22	0	36	6	44	1	48
106	1	38	10	0	30	1	46	0	4	25	1	18	0	42	4	24	1	18
																	adde	
109	1	43	28	1	0	1	46	40	4	27	1	12	1	0	2	0	0	18
															☿		mīue	
112	1	48	48	1	24	1	46	0	4	25	1	1	1	18		24	0	42
115	1	54	6	1	30	1	45	0	4	22	0	4	1	48	2	47	0	54

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	Locus			Eqtio		ad di.			ad ho		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		sept.		adde i		☉		mue	
0	0	1	4	2	6	1	55	0	4	47	0	16	2	0	0	1	4	6
															☿		adde	
3	0	6	49	1	54	1	54	20	4	46	0	37	1	24	2	53	4	0
6	0	12	32	1	48	1	53	20	4	43	0	51	1	12	5	44	3	54
9	0	18	12	1	48	1	52	20	4	41	1	11	0	54	8	33	3	54
12	0	23	49	1	48	1	50	20	4	36	1	20	0	48	11	18	4	0
15	0	29	20	1	48	1	48	0	4	30	1	27	0	24	13	59	3	54
18	0	34	44	1	36	1	44	40	4	22	1	28	0	12	16	32	3	48
													miue					
21	0	39	58	1	36	1	41	20	4	13	1	27	0	24	18	55	3	42
24	0	45	2	1	36	1	36	20	4	1	1	20	1	0	21	8	3	42
27	0	49	51	1	12	1	30	0	3	45	1	10	1	30	23	5	3	24
30	0	54	21	0	48	1	23	0	30	27	0	49	1	42	24	45	2	54
33	0	58	30	0	30	1	11	20	2	58	0	25	2	6	26	2	2	42
											meri.		adde					
36	1	2	4	0	24	1	0	0	2	30	0	0	2	12	26	46	2	30
				miue														
39	1	5	4	0	18	0	45	0	1	52	0	35	2	24	26	55	1	48
42	1	7	19	0	42	0	30	0	1	15	1	16	2	6	26	19	1	24
44	1	8	19	1	0	0	16	0	0	42	1	45	2	6	25	25	1	6
46	1	8	51	1	18	0	7	0	0	17	2	11	1	54	24	1	0	48
	retrogd'					miue			miue									
47	1	8	58	1	30	0	4	0	0	10	2	24	1	48	23	11	0	36
48	1	8	54	1	36	0	16	30	0	41	2	37	1	42	22	9	0	30
50	1	8	21	1	42	0	29	0	1	12	3	5	1	24	19	42	0	24
52	1	7	23	1	54	0	41	30	1	44	3	30	1	12	16	51	0	6
54	1	6	0	2	6	0	55	30	2	19	3	47	1	6	13	34	0	6
56	1	4	9	1	48	1	2	0	2	35	4	0	0	54	9	48	0	6
58	1	2	5	1	12	1	42	30	2	41	4	3	0	30	5	50	0	42
60	0	59	56	0	36	0	58	30	2	26	4	5	0	6	1	47	1	12

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Di	S	g	m	Locus Eq̃tio m	2	ad di. g	m	2	ad ho. m	2	Lati. g	m	Eq̃tio m	2	Elōga. g	m	Eq̃tio m	2
es	retrog̃d⁹			mine		mine			mine		meri.		mine		☉		mine	
62	0	57	59	0	0	0	51	30	2	21	3	58	0	42	2	5	1	48
				adde														
64	0	56	16	0	48	0	36	30	1	31	3	45	1	18	5	42	2	30
66	0	55	3	1	18	0	23	30	0	59	3	28	1	30	4	50	3	0
68	0	54	16	1	54	0	7	30	0	19	3	4	1	48	11	31	3	36
	directus					adde			adde									
70	0	54	1	2	12	0	3	0	0	7	2	35	2	6	13	42	3	54
71	0	54	4	2	36	0	11	0	0	27	2	22	2	6	14	37	4	12
72	0	54	15	2	30	0	20	30	0	51	2	8	2	0	15	22	4	6
74	0	54	56	2	24	0	35	0	1	27	1	41	2	6	16	36	4	0
76	0	56	6	2	6	0	47	0	1	57	1	18	2	24	17	22	3	42
79	0	58	27	2	0	1	0	0	2	30	0	39	1	54	17	53	3	30
82	1	1	27	2	0	1	10	40	2	57	0	8	1	42	17	45	3	24
											scept.		adde					
85	1	4	59	2	12	1	21	0	3	22	0	16	1	48	17	7	3	30
88	1	9	2	1	42	1	27	20	3	38	0	41	1	12	15	56	2	48
91	1	13	24	1	30	1	32	0	3	50	0	58	0	54	14	29	2	36
94	1	18	0	1	0	1	36	20	4	2	1	9	0	6	12	46	1	54
97	1	22	50	0	24	1	39	40	4	9	1	15	0	0	10	50	1	12
100	1	27	49	0	0	1	41	40	4	14	1	18	0	18	8	46	0	42
				mine														
103	1	32	54	0	24	1	43	40	4	19	1	16	0	42	6	36	0	12
																	adde	
106	1	38	5	0	42	1	44	20	4	21	1	11	1	18	4	21	0	12
109	1	43	18	1	0	1	45	20	4	23	1	2	1	36	2	3	0	36
																☿	mine	
112	1	48	34	1	24	1	45	40	4	24	0	48	2	0	0	17	1	36
115	1	53	51	1	48	1	43	0	4	18	0	30	2	0	2	38	1	36

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		adde		☿		adde	
0	0	1	25	1	36	1	54	20	4	46	0	36	1	36	0	40	3	42
3	0	7	8	1	36	1	54	0	4	45	0	51	1	30	3	33	3	42
6	0	12	50	1	36	1	53	20	4	43	1	7	1	12	6	23	3	42
9	0	18	30	1	30	1	52	20	4	41	1	20	1	0	9	12	3	42
12	0	24	7	1	30	1	50	20	4	36	1	28	0	24	11	58	3	36
													miue					
15	0	29	38	1	12	1	47	20	4	28	1	31	0	12	14	38	3	24
18	0	35	0	1	6	1	44	40	4	22	1	30	0	36	17	10	3	12
21	0	40	14	0	48	1	41	20	4	15	1	23	1	6	19	32	2	54
24	0	45	18	0	24	1	35	0	3	57	1	10	1	24	21	45	2	36
27	0	50	3	0	0	1	28	40	3	42	0	55	1	48	23	39	2	6
				miue														
30	0	54	29	0	24	1	22	0	3	25	0	32	1	54	25	14	1	48
33	0	58	35	1	0	1	11	0	2	57	0	4	1	54	26	29	1	6
											meri.		adde					
36	1	2	8	1	24	0	57	40	2	24	0	26	2	18	27	11	0	42
39	1	5	1	1	54	0	43	40	1	49	0	59	2	12	27	13	0	12
																	miue	
42	1	7	12	2	42	0	28	30	1	11	1	37	2	18	26	33	0	42
44	1	8	9	3	12	0	14	30	0	36	2	6	2	24	25	36	1	18
46	1	8	38	3	30	0	5	0	0	12	2	30	2	24	24	19	1	36
	retog̃d⁹					miue			miue									
47	1	8	43	3	30	0	5	0	0	12	2	42	2	18	23	17	1	36
48	1	8	38	3	24	0	17	0	0	42	2	54	2	6	22	14	1	30
50	1	8	4	3	30	0	30	0	1	15	3	19	1	54	19	46	1	42
52	1	7	4	3	24	0	42	30	1	46	3	42	1	18	16	52	1	36
54	1	5	39	3	12	0	54	0	2	15	3	58	0	30	13	33	1	30
56	1	3	51	2	42	0	59	0	2	27	4	9	0	12	9	49	1	0

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrogdꝰ			miue		miue			miue		meri.		miue		i ☿		miue	
58	1	1	53	2	0	1	1	30	2	34	4	8	0	12	5	57	0	18
																	adde	
60	0	59	50	1	12	0	55	30	2	19	4	6	1	12	1	59	0	30
															☉		miue	
62	0	57	59	0	24	0	47	30	1	59	3	51	1	0	1	47	1	12
				adde														
64	0	56	24	0	18	0	34	0	1	25	3	32	1	24	5	17	1	54
66	0	55	16	0	48	0	20	30	0	51	3	13	2	0	8	20	2	24
68	0	54	35	1	18	0	6	0	0	15	2	46	2	24	10	55	2	48
	directus					adde			adde									
70	0	54	23	1	36	0	7	0	0	17	2	14	2	30	13	3	3	0
71	0	54	30	1	42	0	10	0	0	25	2	1	2	24	13	53	3	0
72	0	54	40	1	30	0	20	0	0	50	1	48	2	18	14	41	2	54
74	0	55	20	1	36	0	33	30	1	24	1	20	2	42	15	56	2	54
76	4	56	27	2	6	0	46	40	1	57	0	54	2	24	16	45	3	18
79	0	58	47	2	0	1	0	0	2	30	0	20	2	18	17	18	3	6
											sept.		adde					
82	1	1	47	2	6	1	11	20	2	58	0	9	2	0	17	11	3	0
85	1	5	21	1	36	1	19	20	3	18	0	34	1	24	16	32	2	30
88	1	9	19	1	24	1	26	40	3	37	0	53	0	48	15	28	2	12
91	1	13	39	0	36	1	30	20	3	46	1	7	0	24	14	3	1	12
94	1	18	10	0	18	1	34	40	3	57	1	10	0	12	12	27	0	54
				miue									miue					
97	1	22	54	0	6	1	38	20	4	6	1	15	0	18	10	38	0	24
																	adde	
100	1	27	49	0	30	1	40	20	4	11	1	15	0	36	8	39	0	6
103	1	32	50	0	48	1	42	40	4	17	1	9	1	6	6	34	0	30
106	1	37	58	1	0	1	43	20	4	18	0	58	1	18	4	23	0	48
109	1	43	8	1	30	1	44	0	4	20	0	46	1	42	2	9	1	24
															☿		miue	
112	1	48	20	1	36	1	44	20	4	21	0	28	1	42	0	6	1	42
115	1	53	33	1	54	1	44	0	4	20	0	9	1	48	2	22	2	6

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			adde		adde			adde		sept.		adde		♀		adde	
0	0	1	41	1	18	1	54	20	4	46	0	56	2	0	1	17	3	30
3	0	7	24	1	12	1	54	0	4	45	1	6	1	48	4	10	3	18
6	0	13	6	1	12	1	53	0	4	42	1	19	1	12	7	0	3	24
9	0	18	45	0	54	1	52	20	4	41	1	30	0	30	9	49	3	0
12	0	24	22	0	36	1	49	20	4	36	1	32	0	18	12	34	2	48
15	0	29	50	0	24	1	47	0	4	27	1	29	0	0	15	12	2	30
													minue					
18	0	35	11	0	6	1	43	40	4	19	1	24	0	42	17	42	2	12
				minue														
21	0	40	22	1	24	1	40	0	4	10	1	12	0	54	20	1	1	48
24	0	45	22	0	48	1	33	40	3	54	0	56	1	18	22	11	1	18
27	0	50	3	1	6	1	27	20	3	38	0	37	1	36	24	0	1	0
30	1	54	25	1	48	1	20	0	3	20	0	13	2	6	25	32	0	12
											meri.		adde					
33	0	58	25	2	24	1	9	40	2	54	0	15	2	18	26	40	0	24
36	1	1	54	2	54	0	56	0	2	20	0	49	2	36	27	18	1	0
39	1	4	42	9	36	0	41	0	1	42	1	21	2	54	27	15	1	48
42	1	6	45	4	0	0	26	0	1	5	2	0	2	48	26	26	2	18
44	1	7	37	4	0	0	13	0	0	32	2	30	2	6	25	23	2	18
46	1	8	3	4	42	0	5	0	0	12	2	54	1	54	23	53	2	54
	retrogd9					minue			minue									
47	1	8	8	5	6	0	4	0	0	10	3	5	1	42	23	1	3	18
48	1	8	4	5	6	0	17	30	0	44	3	16	1	30	21	59	3	24
50	1	7	29	4	48	0	29	30	1	14	3	38	1	12	19	29	3	6
52	1	6	30	4	42	0	41	30	1	44	3	55	0	48	16	36	3	6
54	1	5	7	4	12	0	51	30	2	9	4	3	0	30	13	38	2	36

Residuū ☿

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd²			mīue		mīue			mīue		meri.		mīue		☿		adde	
56	1	3	24	3	48	0	55	30	2	19	4	11	0	24	9	39	2	12
58	1	1	33	3	0	0	57	30	2	24	4	6	0	54	5	54	1	30
60	0	59	38	2	12	0	51	30	2	9	3	54	1	30	2	4	0	48
															⊙		mīue	
62	0	57	55	1	12	0	44	0	1	50	3	41	1	54	1	35	0	12
64	0	56	27	0	36	0	31	30	1	19	3	18	2	48	4	58	0	42
				adde														
66	0	55	24	0	6	0	18	0	0	45	2	53	2	48	7	56	1	18
68	0	54	48	0	30	0	10	0	0	25	2	22	2	42	10	27	1	36
	directus					adde			adde									
70	0	54	38	1	0	0	1	0	0	2	2	6	2	36	11	35	2	6
71	0	54	39	1	6	0	8	0	0	20	1	49	2	30	12	33	2	12
72	0	54	55	1	42	0	20	30	0	51	1	25	3	0	14	12	2	36
74	0	55	36	2	6	0	36	0	1	30	0	53	2	12	15	27	3	0
76	0	56	48	1	42	0	46	20	1	56	0	30	2	0	16	12	2	30
											sept.		adde					
79	0	59	7	1	42	1	0	20	2	31	0	3	1	42	16	47	2	24
82	1	2	8	1	0	1	9	40	2	54	0	29	1	6	16	41	1	42
85	1	5	37	0	42	1	18	40	3	17	0	48	1	6	16	7	1	12
88	1	9	33	0	6	1	24	0	3	30	1	1	0	48	15	6	0	30
91	1	13	45	0	0	1	29	20	3	43	1	11	0	24	13	51	0	24
				mīue													adde	
94	1	18	13	0	18	1	33	20	3	53	1	12	0	6	12	18	0	6
													mīue					
97	1	22	53	0	18	1	37	0	4	2	1	12	0	24	10	34	0	12
100	1	27	44	0	42	1	39	20	4	8	1	9	1	6	8	40	0	48
103	1	32	42	1	0	1	42	0	4	15	0	58	1	6	6	34	1	12
106	1	37	48	1	30	1	41	40	4	15	0	45	1	42	4	31	1	48
109	1	42	52	1	30	1	43	40	4	19	0	29	1	48	2	23	1	54
112	1	48	4	1	42	1	43	20	4	19	0	11	1	48	0	11	2	12
											meri.		adde		☿		mīue	
115	1	53	14	1	54	1	44	0	4	20	0	10	1	54	2	11	2	24

	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			adde		adde			adde		sept.		adde		☿		adde	
0	0	1	54	1	0	1	54	0	4	45	1	12	1	30	1	52	3	6
3	0	7	36	0	42	1	54	0	4	45	1	24	1	0	4	43	3	0
6	0	13	18	0	30	1	52	0	4	40	1	31	0	48	7	34	2	36
9	0	18	54	0	18	1	51	20	4	38	1	35	0	36	10	19	2	24
													minue					
12	0	24	28	0	6	1	48	40	4	32	1	35	0	6	13	2	2	12
				minue														
15	0	29	54	0	18	1	46	0	4	25	1	29	0	42	15	37	1	48
18	0	35	12	0	42	1	42	0	4	15	1	17	0	54	18	4	1	24
21	0	40	18	1	12	1	38	40	4	7	1	3	1	36	20	19	0	48
24	0	45	14	1	48	1	32	40	3	52	0	43	2	12	22	24	0	6
																	minue	
27	0	49	52	2	18	1	25	0	3	32	0	21	3	0	24	14	0	24
											meri.		adde					
30	0	54	7	2	42	1	18	0	3	15	0	8	2	36	25	34	0	54
33	0	58	1	3	18	1	8	0	2	50	0	43	2	36	26	36	1	36
36	1	1	25	4	12	0	53	40	2	14	1	15	2	36	27	8	2	30
39	1	4	6	4	48	0	39	40	1	39	1	50	2	36	26	57	3	6
42	1	6	5	5	24	0	26	0	1	5	2	28	2	30	26	3	3	48
44	1	6	57	6	0	0	9	30	0	24	2	51	2	18	25	1	4	30
46	1	7	16	5	54	0	1	0	0	2	3	13	1	42	23	24	4	24
	retrogd⁹						minue		minue									
47	1	7	17	6	6	0	4	0	0	10	3	22	1	36	22	28	4	36
48	1	7	13	6	6	0	16	0	0	40	3	31	1	36	21	25	4	36
50	1	6	41	5	54	0	29	0	1	12	3	50	0	24	18	58	4	30
													minue					
52	1	5	43	5	30	0	56	0	1	37	4	3	0	12	16	5	4	6
54	1	4	25	5	12	0	49	30	2	4	4	8	0	48	12	52	3	54
56	1	2	46	4	0	0	51	30	2	9	4	7	1	30	9	17	3	48
58	1	1	3	3	12	0	53	30	2	14	3	57	1	54	5	39	2	6

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̄	m̄	2	g̃	m̄	2	m̄	2	g̃	m̄	m̄	2	g̃	m̄	m̄	2
es	retrog̃d'			minue		minue			minue		meri.		minue		☿		minue	
60	0	59	16	2	24	0	46	30	1	56	3	39	2	12	1	56	1	18
															☉		adde	
62	0	57	43	1	36	0	41	0	1	42	3	22	2	54	1	33	0	42
																	minue	
64	0	56	21	0	36	0	28	0	1	10	2	50	2	18	4	51	0	18
66	0	55	25	0	6	0	16	0	0	40	2	25	2	30	7	43	0	42
				adde														
68	0	54	53	0	18	0	5	0	0	12	1	55	2	18	10	11	1	6
	directus					adde			adde									
69	0	54	48	0	36	0	2	0	0	5	1	40	2	30	11	14	1	18
70	0	54	50	0	48	0	11	0	0	27	1	24	2	36	12	11	1	30
72	0	55	12	0	48	0	22	30	0	56	0	55	2	24	13	46	1	30
74	0	55	57	1	0	0	34	0	1	25	0	31	2	12	14	57	1	36
76	0	57	5	0	48	0	46	20	1	56	0	10	2	12	15	47	1	18
											ſept.		adde					
79	0	59	24	0	36	0	58	0	2	25	0	20	2	0	16	23	1	0
82	1	2	18	0	30	1	8	40	2	52	0	40	1	42	16	24	0	48
85	1	5	44	0	18	1	16	40	2	52	0	40	1	42	10	24	0	88
88	1	9	34	0	0	1	23	40	3	29	1	9	0	36	15	1	0	6
				minue													adde	
91	1	13	45	0	24	1	28	20	3	41	1	15	0	0	13	47	0	30
													minue					
94	1	18	10	0	48	1	33	20	3	53	1	13	0	30	12	19	1	0
97	1	22	50	1	18	1	35	40	3	54	1	8	0	48	10	36	1	36
100	1	27	37	1	24	1	38	20	4	6	0	58	0	54	8	48	1	48
103	1	32	32	1	30	1	40	20	4	11	0	47	1	30	6	51	2	0
106	1	37	33	1	42	1	41	40	4	14	0	28	1	30	4	49	2	18
109	1	42	38	1	54	1	43	0	4	17	0	11	1	54	2	42	2	42
											meri.		adde					
112	1	47	47	2	6	1	42	40	4	17	0	7	1	48	0	33	3	0
															☿		minue	
115	1	52	55	2	6	1	43	0	4	17	0	29	1	36	1	37	3	6

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			adde		adde			adde		sept.		adde		☿		adde	
0	0	2	4	0	30	1	53	0	4	42	1	27	1	18	2	23	2	42
3	0	7	43	0	18	1	53	20	4	43	1	34	0	54	5	13	2	18
6	0	12	23	0	0	1	51	20	4	38	1	39	0	24	8	0	2	6
				mine									mine					
9	0	18	57	0	24	1	50	40	4	37	1	41	0	24	10	43	1	42
12	0	24	29	0	54	1	47	20	4	28	1	34	1	6	13	24	1	6
15	0	29	51	1	24	1	44	40	4	22	1	22	1	42	15	55	0	30
18	0	35	5	1	48	1	40	20	4	11	1	8	2	18	18	18	0	6
																	mine	
21	0	44	6	2	6	1	36	40	4	2	0	47	2	30	20	27	0	18
24	0	44	56	2	36	1	31	0	3	47	0	21	2	36	22	25	0	48
											meri.		adde					
27	0	49	29	3	12	1	23	40	3	29	0	9	2	18	24	26	1	30
30	0	53	40	3	48	1	16	0	3	10	0	34	2	48	25	29	2	12
33	0	57	28	4	12	1	5	0	3	42	1	9	2	48	26	20	2	36
36	1	0	43	5	12	0	51	40	2	9	1	41	2	48	26	43	3	42
39	1	3	18	3	48	0	37	40	1	34	2	16	2	30	26	26	4	24
42	1	5	11	6	18	0	23	0	0	57	2	53	1	48	25	25	4	54
44	1	5	57	6	42	0	10	0	0	25	3	14	1	0	24	16	5	24
	retrogd'					mine			mine									
46	1	6	17	6	24	0	1	0	0	2	3	30	0	48	22	40	5	12
47	1	6	16	6	24	0	4	0	0	10	3	38	0	30	21	42	5	18
48	1	6	12	6	18	0	15	0	0	37	3	47	0	6	20	30	5	12
													mine					
50	1	5	42	5	48	0	27	0	1	7	3	54	0	12	18	13	4	42
52	1	4	48	5	24	0	37	30	1	34	4	1	0	48	15	24	4	30
54	1	3	33	4	54	0	43	30	1	49	4	0	1	12	12	13	4	0

Residuũ ☿

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d'			mine		miue			miue		meri.		miue		☿		miue	
56	1	2	6	4	30	0	47	30	1	59	3	52	1	30	8	49	3	42
58	1	0	31	3	48	0	49	30	2	4	3	38	1	48	5	18	3	0
60	0	58	52	2	48	0	41	30	1	46	3	17	2	24	1	43	2	6
															☉		adde	
62	0	57	27	2	6	0	36	0	1	30	2	53	2	42	1	40	1	24
64	0	56	15	1	12	0	25	30	1	4	2	27	2	48	4	48	0	36
66	0	55	24	0	42	0	14	0	0	35	2	0	3	42	7	36	0	12
68	0	54	56	0	48	0	2	0	0	5	1	32	3	18	10	0	0	24
	Directus					adde			adde									
69	0	54	54	0	18	0	4	0	0	10	1	15	3	6	11	1	0	6
																	miue	
70	0	54	58	0	12	0	11	0	0	27	0	58	3	0	11	56	0	12
72	0	55	20	0	6	0	23	30	0	59	0	31	2	42	13	31	0	12
				adde														
74	0	56	7	0	6	0	33	0	1	22	0	9	3	0	14	41	0	18
											sept.		adde					
76	0	57	13	0	24	0	45	40	1	54	0	12	2	36	15	34	0	36
79	0	59	30	0	12	0	57	40	2	24	0	40	1	54	16	13	0	18
																	adde	
82	1	2	29	0	0	1	8	0	2	50	0	57	1	24	16	16	0	6
				miue														
85	1	5	47	0	36	1	15	40	3	9	1	10	1	0	15	50	0	48
88	1	9	34	1	12	1	22	20	3	26	1	15	0	12	15	0	1	36
91	1	13	41	1	12	1	27	0	3	39	1	15	0	0	13	12	1	36
													miue					
94	1	18	2	1	24	1	31	40	3	49	1	8	0	30	12	29	1	54
97	1	22	37	1	30	1	35	20	3	58	1	0	0	48	10	52	2	12
100	1	27	23	1	48	1	38	0	4	5	0	49	1	18	9	6	2	36
103	1	32	17	2	0	1	39	40	4	9	0	32	1	12	7	11	2	54
106	1	37	16	2	12	1	41	0	4	13	0	13	1	24	5	12	3	18
											meri.		adde					
109	1	42	19	2	12	1	42	20	4	16	0	8	1	30	3	9	3	24
112	1	47	26	2	6	1	44	40	4	17	0	25	1	36	1	3	3	24
															☿		miue	
115	1	52	24	2	0	1	41	0	4	13	0	45	1	54	1	6	3	24

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	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			minue		adde			adde		sept.		adde		♀		aade	
0	0	2	9	0	0	1	52	20	4	41	1	40	0	24	2	50	2	0
													minue					
3	0	7	46	0	18	1	52	20	4	41	1	43	0	18	5	36	1	42
6	0	13	23	0	42	1	50	0	4	35	1	43	1	18	8	21	1	12
9	0	18	53	1	0	1	49	0	4	32	1	37	1	36	11	0	0	48
12	0	24	20	1	30	1	45	40	4	24	1	23	1	54	13	35	0	12
																	minue	
15	0	29	37	1	48	1	43	20	4	18	1	5	2	18	16	0	0	6
18	0	34	47	2	24	1	39	40	4	9	0	45	2	18	18	19	0	48
21	0	39	45	2	42	1	35	0	3	57	0	22	2	36	20	24	1	6
											meri.		adde					
24	0	44	30	3	24	1	29	0	3	42	0	5	2	42	22	17	1	54
27	0	48	57	4	6	1	21	40	3	24	0	32	3	0	23	51	2	36
30	0	53	2	4	42	1	14	40	3	7	1	2	3	12	25	3	3	18
33	0	56	46	5	30	1	1	40	2	34	1	37	2	42	25	54	4	12
36	0	59	51	5	42	0	49	40	2	4	2	9	2	18	26	6	4	30
39	1	2	20	6	0	0	36	0	1	30	2	41	1	42	25	42	4	54
42	1	4	8	6	0	0	21	0	0	52	3	11	0	54	24	36	5	6
44	1	4	50	6	12	0	11	30	0	29	3	24	1	0	23	22	5	24
	retrogd²					minue			minue									
46	1	5	13	6	24	0	1	0	0	2	3	38	0	12	21	48	5	36
47	1	5	12	6	24	0	3	0	0	7	3	43	0	0	20	49	5	36
													minue					
48	1	5	9	6	18	0	12	30	0	31	3	48	0	12	19	47	5	30
50	1	4	44	6	12	0	25	0	1	0	3	52	0	30	17	26	5	30
52	1	3	54	6	0	0	35	0	1	27	3	54	1	30	14	39	5	18
54	1	2	44	5	24	0	41	30	1	40	3	48	1	48	11	33	4	48

Residuū ☿

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	Locus			Eq̃tio		ad vi.			ad ho		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d'			minue		minue			minue		meri.		minue		☿		minue	
56	1	1	21	4	54	0	44	0	1	50	3	37	2	24	8	12	4	24
58	0	59	53	4	0	0	44	30	1	51	3	20	3	18	14	48	3	36
60	0	58	24	3	12	0	39	0	1	39	2	53	2	54	1	22	2	48
															⊙		adde	
62	0	57	6	2	36	0	31	30	1	19	2	26	3	6	1	54	2	18
64	0	56	3	2	6	0	23	0	0	57	1	59	3	54	4	54	1	54
66	0	55	17	1	18	0	14	30	0	36	1	23	3	18	7	38	1	6
	Directus					adde			adde									
68	0	54	48	0	48	0	3	0	0	7	0	59	3	36	10	4	0	42
69	0	54	51	0	42	0	5	0	0	12	0	44	3	36	11	0	0	36
70	0	54	56	0	36	0	11	30	0	29	0	28	3	30	11	54	0	42
72	0	55	19	0	24	0	24	30	1	1	0	4	3	12	13	29	0	30
											sept.		adde					
74	0	56	8	0	42	0	34	30	1	36	0	21	2	30	14	38	0	54
76	0	57	17	0	54	0	45	0	1	52	0	38	2	6	15	28	1	12
79	0	59	32	1	6	0	57	0	2	22	0	59	1	42	16	10	1	30
82	1	2	23	1	30	1	6	0	2	45	1	11	1	6	16	17	2	0
85	1	5	41	1	30	1	13	40	3	4	1	20	0	30	15	58	2	6
88	1	9	22	1	12	1	22	20	3	26	1	17	0	12	15	16	1	54
													minue					
91	1	13	29	1	48	1	26	20	3	36	1	15	0	30	14	8	2	42
94	1	17	48	1	54	1	31	20	3	48	1	3	0	42	12	48	2	54
97	1	22	22	2	24	1	34	20	3	56	0	52	1	0	11	14	3	30
100	1	27	5	2	30	1	37	20	4	3	0	36	1	6	9	32	3	42
103	1	31	57	2	30	1	39	0	4	7	0	20	1	42	7	40	3	54
											meri.		adde					
106	1	36	54	2	18	1	41	0	4	12	0	1	1	42	5	45	3	42
109	1	41	57	2	6	1	42	40	4	17	0	23	1	42	3	43	3	36
112	1	47	5	2	0	1	43	0	4	17	0	41	1	42	1	37	3	36
															☿		minue	
115	1	52	14	1	54	1	42	0	4	15	1	4	1	18	0	32	3	36

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Di	Locus			Eqtio		ad di.			ad ho		Lati.		Eqtio		Eloga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	directus			minue		adde			adde		sept.		minue		☿		adde	
0	0	2	9	0	18	1	51	20	4	38	1	44	1	6	3	10	1	30
3	0	7	43	0	42	1	51	0	4	37	1	40	1	30	5	55	1	0
6	0	13	16	1	12	1	49	0	4	32	1	30	1	36	8	33	0	30
9	0	18	43	1	36	1	47	20	4	28	1	21	2	0	11	8	0	6
																	minue	
12	0	24	5	1	54	1	44	40	4	22	1	4	2	12	13	37	0	18
15	0	29	19	2	24	1	41	20	4	13	0	42	2	12	15	59	0	48
18	0	34	23	3	6	1	38	20	4	6	0	22	2	30	18	11	1	36
											meri.		adde					
21	0	39	18	3	42	1	32	40	3	52	0	4	2	42	20	13	2	18
24	0	43	56	4	18	1	26	40	3	37	0	32	2	42	21	58	3	0
27	0	48	16	4	42	1	19	40	1	19	1	2	2	42	23	25	3	36
30	0	52	15	5	6	1	12	0	3	0	1	34	2	12	24	30	4	0
33	0	55	51	5	42	1	1	0	2	32	2	4	2	6	25	12	4	48
36	0	58	54	6	6	0	48	40	2	2	2	32	1	24	25	21	5	18
39	1	1	20	6	12	0	36	0	1	30	2	58	0	54	24	45	5	30
42	1	3	0	6	36	0	20	0	0	50	3	20	0	30	23	53	6	0
44	1	3	48	6	36	0	10	30	0	26	3	34	0	0	22	28	6	0
	retrogd'					minue			minue				minue					
46	1	4	9	6	42	0	1	0	0	2	3	40	1	18	20	52	6	12
47	1	4	8	6	18	0	2	0	0	5	3	43	0	30	19	51	5	48
48	1	4	6	6	24	0	12	0	0	30	3	46	1	0	18	52	6	0
50	1	3	42	6	18	0	24	0	1	0	3	47	1	36	16	31	5	54
52	1	2	54	5	36	0	32	0	1	20	3	39	1	36	13	46	5	18
54	1	1	50	4	54	0	39	0	1	37	3	30	2	36	10	45	4	42

Residuũ ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			miue		miue			miue		meri.		miue		☿		miue	
56	1	0	32	4	18	0	39	30	1	39	3	13	3	18	7	28	4	6
58	0	59	13	3	54	0	40	30	1	41	2	47	3	18	4	12	3	48
60	0	57	52	3	18	0	36	0	1	30	2	24	3	48	0	54	3	24
															☉		adde	
62	0	56	40	2	36	0	29	0	1	12	1	55	4	18	2	17	2	42
64	0	55	42	2	12	0	19	0	0	47	1	20	3	48	3	13	2	24
66	0	55	4	2	6	0	12	0	0	30	0	50	3	30	7	49	2	24
	Directus					adde			adde									
68	0	54	40	1	30	0	4	0	0	10	0	23	3	42	10	11	1	54
69	0	54	44	1	48	0	6	0	0	15	0	8	3	24	11	6	2	18
											sept.		adde					
70	0	54	50	1	54	0	12	30	0	31	0	7	3	0	12	1	2	18
72	0	55	15	1	48	0	23	0	0	57	0	28	2	30	13	34	2	18
74	0	56	1	1	54	0	33	30	1	24	0	26	2	24	14	47	2	24
76	0	57	8	1	48	0	44	20	1	51	0	59	2	6	15	40	2	24
79	0	59	21	1	48	0	55	40	2	19	1	16	1	12	16	25	2	36
82	1	2	8	2	6	1	6	0	2	41	1	22	0	36	16	37	3	0
													miue					
85	1	5	26	2	30	1	14	40	3	4	1	25	0	12	16	19	3	36
88	1	9	10	2	54	1	20	20	3	21	1	19	0	12	15	35	4	0
91	1	13	11	2	42	1	26	0	3	35	1	10	0	42	14	35	4	0
94	1	17	29	2	48	1	29	40	3	44	0	56	1	0	13	17	4	12
97	1	21	58	2	48	1	34	0	3	55	0	42	1	12	11	49	4	18
100	1	26	40	2	30	1	37	20	4	3	0	25	1	24	10	9	4	0
103	1	31	32	2	30	1	39	40	4	9	0	3	1	30	8	19	4	6
											meri.		adde					
106	1	36	31	2	18	1	41	40	4	14	0	18	1	24	6	22	4	6
109	1	41	36	2	18	1	43	0	4	17	0	40	1	30	4	19	4	6
112	1	46	45	2	6	1	43	20	4	18	0	58	1	30	2	13	4	0
115	1	51	55	2	0	1	42	0	4	15	1	17	1	42	0	4	3	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			miue		adde			adde		sept.		miue		☿		adde	
0	0	2	6	0	42	1	50	0	4	35	1	33	1	6	3	25	0	54
3	0	7	36	1	6	1	49	20	4	33	1	25	1	24	6	3	0	30
																	mi ue	
6	0	13	4	1	36	1	47	40	4	29	1	14	1	36	8	38	0	6
9	0	18	27	2	6	1	46	20	4	26	1	1	2	12	11	9	0	42
12	0	23	46	2	42	1	43	0	4	17	0	42	2	36	13	34	1	18
15	0	28	55	3	0	1	39	0	4	7	0	20	2	42	15	51	1	48
											meri.	adde						
18	0	33	52	3	12	1	36	20	4	1	0	3	3	6	17	55	2	6
21	0	38	41	3	48	1	30	40	3	47	0	31	2	42	19	50	2	54
24	0	43	13	4	12	1	25	20	3	33	0	39	2	42	21	28	3	18
27	0	47	29	4	36	1	18	20	3	16	1	29	1	54	22	49	3	48
30	0	51	24	4	54	1	10	0	2	55	1	56	1	36	23	50	4	18
33	0	54	54	5	18	0	59	40	2	29	2	25	1	18	24	24	4	42
36	0	57	53	5	48	0	48	20	2	1	2	46	1	24	24	28	5	18
39	1	0	18	6	0	0	34	40	1	27	3	7	1	0	23	58	5	36
42	1	2	2	6	18	0	20	0	0	50	3	25	0	6	22	45	6	0
													miue					
44	1	2	42	5	48	0	10	0	0	25	3	34	0	30	21	28	5	36
46	1	3	2	5	54	0	3	0	0	7	3	37	0	54	19	50	5	42
	retrog̃d'					miue			miue									
47	1	3	5	5	48	0	3	0	0	7	3	38	1	24	18	55	5	42
48	1	3	2	5	36	0	11	30	0	29	3	36	1	48	17	52	5	30
50	1	2	39	5	18	0	20	30	0	51	3	31	2	12	15	32	5	24
52	1	1	58	5	12	0	28	30	1	11	3	23	3	0	12	53	5	18
54	1	1	1	4	54	0	36	0	1	30	3	4	3	24	9	58	5	6

Residuū ☿

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃uo	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d'			minue		minue			minue		meri.		minue		☿		minue	
56	0	59	49	4	6	0	37	30	1	34	2	40	3	36	6	47	4	24
58	0	58	34	3	48	0	37	30	1	34	2	14	4	6	3	34	4	12
60	0	57	19	3	24	0	32	30	1	21	1	46	4	24	0	20	3	48
															⊙		adde	
62	0	56	14	3	18	0	27	0	1	7	1	12	3	54	2	44	3	48
64	0	55	20	2	54	0	18	30	0	46	0	42	3	24	5	37	3	24
66	0	54	43	2	42	0	9	0	0	22	0	15	3	36	8	13	3	18
	directus					adde			adde		sept.		adde					
68	0	54	25	2	30	0	1	0	0	2	0	14	2	54	10	30	3	12
69	0	54	26	2	36	0	5	0	0	12	0	26	2	42	11	29	3	18
70	0	54	31	2	30	0	13	0	0	32	0	37	2	30	12	24	3	18
72	0	54	57	2	48	0	22	30	0	56	0	53	2	36	13	57	3	42
74	0	55	42	2	42	0	34	0	1	25	1	10	2	0	15	11	3	42
76	0	56	50	3	18	0	44	20	1	51	1	19	1	36	16	4	4	24
79	0	59	3	3	36	0	54	40	2	17	1	28	1	0	16	51	4	48
82	1	1	47	3	30	1	4	20	2	41	1	28	0	30	17	7	4	48
													minue					
85	1	5	1	3	18	1	13	20	3	3	1	27	0	6	16	55	4	42
88	1	8	41	3	6	1	21	0	3	22	1	17	0	42	16	15	4	36
91	1	12	44	3	18	1	25	40	3	34	1	3	0	54	15	15	4	48
94	1	17	1	3	12	1	29	40	3	44	0	46	1	6	13	59	4	54
97	1	21	30	2	48	1	35	0	3	57	0	30	1	12	12	32	4	30
100	1	26	15	2	54	1	37	20	4	3	0	11	1	36	10	49	4	48
											meri.		adde					
103	1	31	7	2	48	1	40	20	4	11	0	12	1	30	9	0	4	42
106	1	36	8	2	42	1	41	20	4	14	0	32	1	54	7	2	4	42
109	1	41	13	2	24	1	43	40	4	19	0	55	1	18	5	0	4	30
112	1	46	24	2	18	1	43	40	4	19	1	13	1	24	2	53	4	24
115	1	51	35	1	54	1	44	0	4	20	1	34	0	24	0	43	4	0

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Di	Locus			Eqtio		ad Di.			ad ho		Lati.		Eqtio		Elōga.		Eqtio	
	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		sept.		miue		☿		adde	
0	0	1	59	1	18	1	48	40	4	32	1	22	1	36	3	34	0	6
																	miue	
3	0	7	25	1	42	1	47	40	4	29	1	11	2	0	6	8	0	24
6	0	12	48	2	0	1	46	0	4	25	0	58	2	18	8	37	0	48
9	0	18	6	2	18	1	44	20	4	21	0	39	2	24	11	2	1	12
12	0	23	19	2	42	1	42	0	4	15	0	16	2	12	13	21	1	48
											meri.		adde					
15	0	28	25	3	12	1	38	20	4	6	0	7	2	24	15	33	2	24
18	0	33	20	3	36	1	34	20	3	56	0	34	2	0	17	34	2	54
21	0	38	3	4	0	1	29	20	3	43	0	58	1	54	19	21	3	18
24	0	42	31	4	18	1	24	0	3	30	1	26	1	42	20	55	3	48
27	0	46	43	4	42	1	17	20	3	13	1	48	2	0	22	11	4	18
30	0	50	35	5	12	1	8	40	2	52	2	12	2	0	23	7	4	48
33	0	54	1	5	18	0	58	0	2	25	2	38	1	24	23	37	5	6
36	0	56	55	5	12	0	47	40	1	59	3	0	0	36	23	35	5	6
39	0	59	18	5	12	0	33	40	1	24	3	17	0	0	23	2	5	18
													miue					
42	1	0	59	5	12	0	22	30	0	56	3	26	0	24	21	45	5	24
44	1	1	44	5	18	0	9	30	0	24	3	29	1	18	20	32	5	30
46	1	2	3	5	0	0	4	0	0	10	3	28	1	54	18	53	5	18
	retrogd'					miue			miue									
47	1	2	7	4	36	0	1	0	0	2	3	24	2	6	17	58	5	18
48	1	2	6	4	54	0	10	0	0	25	3	18	2	12	16	57	5	18
50	1	1	46	4	30	0	20	0	0	50	3	9	2	54	14	38	4	54
52	1	1	6	4	18	0	27	0	1	7	2	53	3	12	12	0	4	48
54	1	0	12	4	18	0	32	0	1	20	2	30	3	30	9	7	4	48
56	0	59	8	4	0	0	36	0	1	30	2	4	3	42	6	3	4	36
58	0	57	56	3	48	0	35	30	1	29	1	33	3	36	2	52	4	30

Residuū ☿

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Di	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			mĩue		mĩue.			mĩue		meri.		mĩue		☉		adde	
60	0	56	45	3	42	0	32	0	1	20	1	2	3	30	0	18	4	30
62	0	55	41	3	36	0	25	0	1	2	0	33	3	54	3	22	4	30
64	0	54	51	3	48	0	17	30	0	44	0	8	4	6	6	11	4	48
											sept.		adde					
66	0	54	16	4	6	0	8	0	0	20	0	21	3	30	8	46	5	12
68	0	54	0	4	24	0	0	0	0	0	0	43	3	12	11	2	5	30
	Directus					adde			adde									
69	0	54	0	4	24	0	6	0	0	15	0	53	2	54	12	2	5	24
70	0	54	6	4	6	0	11	30	0	29	1	2	2	48	12	57	5	18
72	0	54	29	4	6	0	23	0	0	57	1	19	2	0	14	34	5	24
74	0	55	15	4	0	0	31	0	1	17	1	30	1	42	15	48	5	24
76	0	56	17	3	48	0	43	20	1	48	1	35	1	12	16	48	5	12
79	0	58	27	3	42	0	55	0	2	17	1	38	0	36	17	39	5	12
82	1	1	12	3	36	1	5	20	2	43	1	33	0	6	17	55	5	12
													mĩue					
85	1	4	28	3	30	1	14	0	3	5	1	26	0	12	17	42	5	6
88	1	8	10	3	48	1	20	20	3	21	1	10	0	42	17	1	5	36
91	1	12	11	3	30	1	26	0	3	35	0	54	0	48	16	3	5	24
94	1	16	29	3	30	1	31	0	3	47	0	35	1	6	14	48	5	24
97	1	21	2	3	36	1	34	40	3	57	0	18	1	42	13	17	3	36
											meri.		adde					
100	1	25	46	3	24	1	37	40	4	4	0	5	1	24	11	37	5	30
103	1	30	39	2	54	1	40	40	4	12	0	27	1	42	9	45	5	0
106	1	35	41	2	48	1	42	40	4	17	0	51	1	18	7	49	5	0
109	1	40	49	2	24	1	44	0	4	20	1	8	1	18	5	45	4	30
112	1	46	1	2	0	1	45	0	4	22	1	27	0	48	3	37	4	12
115	1	51	16	1	42	1	46	0	4	25	1	43	0	36	1	23	4	0

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	directus			mīue		adde			adde		sept.		mīue		☿		mīue	
0	0	1	46	1	18	1	47	20	4	28	1	6	1	36	3	35	0	12
3	0	7	8	1	48	1	46	40	4	27	0	51	1	48	6	4	0	54
6	0	12	28	2	6	1	45	0	4	22	0	35	2	0	10	29	1	18
9	0	17	43	2	36	1	43	0	4	17	0	15	1	48	10	50	1	54
											meri.		adde					
12	0	22	52	3	54	1	40	20	4	11	0	6	2	6	13	3	2	18
15	0	27	53	3	18	1	37	0	4	2	0	31	2	6	15	9	2	48
18	0	32	44	3	36	1	33	0	3	52	0	54	2	18	17	5	3	12
21	0	37	23	3	42	1	28	20	3	41	1	17	2	30	18	48	3	24
24	0	41	48	4	6	1	22	40	3	27	1	43	2	12	20	17	3	54
27	0	45	56	4	12	1	15	40	3	9	2	8	1	36	21	28	4	6
30	0	49	43	4	6	1	8	20	2	51	2	32	1	6	22	46	4	12
33	0	53	8	4	6	0	58	20	2	26	2	52	0	36	22	46	4	18
36	0	56	3	4	18	0	47	40	1	59	3	6	0	6	22	44	4	36
													mīue					
39	0	58	26	4	18	0	33	40	1	24	3	17	0	30	22	9	4	42
42	1	0	7	4	12	0	22	0	0	55	3	22	1	12	20	51	4	42
44	1	0	51	4	18	0	11	0	0	27	3	16	1	30	19	37	4	54
46	1	1	13	4	0	0	4	0	0	10	3	9	2	18	18	0	4	36
	retrog̃d⁹					mīue			mīue									
47	1	1	21	4	36	0	4	0	0	10	3	3	2	24	17	5	4	54
48	1	1	17	4	12	0	8	0	0	20	2	56	2	30	16	4	4	54
50	1	1	1	4	30	0	19	0	0	47	2	40	2	54	13	49	5	18
52	1	0	23	4	24	0	27	0	1	7	2	21	3	18	11	12	5	18
54	0	59	29	4	24	0	30	30	1	16	1	55	3	54	8	19	5	12
56	0	58	28	4	30	0	35	0	1	27	1	27	4	0	5	17	5	36
58	0	57	18	4	24	0	35	0	1	27	0	57	4	24	2	7	5	30

Residuū ☿

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elōga.		Equo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd'			minue		minue			minue		meri.		minue		☉		adde	
60	0	56	8	4	18	0	31	30	1	19	0	27	4	24	1	3	5	30
											sept.		adde					
62	0	55	5	4	18	0	26	0	1	5	0	6	3	54	4	7	5	36
64	0	54	13	4	24	0	19	0	0	47	0	33	3	18	6	59	5	48
66	0	53	35	4	24	0	9	30	0	24	0	56	3	0	9	38	5	48
68	0	53	16	4	0	0	0	0	0	0	1	15	2	24	11	57	5	30
	directus					adde			adde									
69	0	53	16	4	24	0	9	0	0	22	1	22	2	18	12	56	5	0
70	0	53	25	4	24	0	11	30	0	29	1	30	2	6	13	50	5	54
72	0	53	48	4	18	0	23	30	0	59	1	39	2	0	15	28	5	34
74	0	54	35	4	48	0	32	0	1	20	1	47	1	12	16	42	6	30
76	0	55	39	4	36	0	43	20	1	48	1	47	1	12	17	40	6	18
79	0	57	50	4	54	0	55	20	2	18	1	44	0	18	18	31	6	42
													minue					
82	1	0	36	4	42	1	5	40	2	44	1	34	0	6	18	47	6	36
85	1	3	53	4	42	1	13	0	3	2	1	24	0	54	18	33	6	42
88	1	7	32	4	24	1	21	20	3	23	1	3	0	54	17	57	6	30
91	1	11	36	4	30	1	26	0	3	35	0	46	1	6	16	57	6	36
94	1	15	54	4	6	1	30	40	3	47	0	24	1	42	15	42	6	12
97	1	20	26	3	48	1	35	20	3	58	0	1	1	18	14	13	6	0
											meri.		adde					
100	1	25	12	3	18	1	39	20	4	8	0	19	1	30	12	32	5	30
103	1	30	10	3	0	1	41	0	4	12	0	44	1	6	10	37	5	18
106	1	35	13	2	36	1	44	0	4	20	1	4	1	18	8	39	4	54
109	1	40	25	2	12	1	45	20	4	23	1	21	1	6	6	30	4	36
112	1	45	41	1	48	1	46	0	4	25	1	35	0	48	4	19	4	12
115	1	50	59	1	18	1	48	0	4	30	1	49	0	30	2	3	3	42

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	Locus			Eq̃tio		ad vi.			ad ho.		Lati.		Eq̃tio		Elōga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	ã	m̃	m̃	2
es	directus			mīue		adde			adde		sept.		mīue		♀		mīue	
0	0	1	33	1	36	1	45	40	4	24	0	50	1	48	3	32	1	0
3	0	6	50	1	54	1	45	40	4	24	0	53	1	54	5	55	1	18
6	0	12	7	2	18	1	43	20	4	18	0	15	1	54	8	16	1	48
											meri.		adde					
9	0	17	17	2	36	1	42	0	4	15	0	3	2	30	10	31	2	12
12	0	22	23	2	54	1	39	0	4	7	0	27	2	30	12	40	2	36
15	0	27	26	3	12	1	36	0	4	0	0	52	2	48	14	41	3	0
18	0	32	8	3	18	1	32	40	3	52	1	17	2	18	16	33	3	12
21	0	36	40	3	24	1	27	0	3	37	1	42	1	48	18	14	3	30
24	0	41	7	3	24	1	22	20	3	26	2	5	1	24	19	38	3	36
27	0	45	14	3	18	1	16	0	3	10	2	24	1	12	20	47	3	42
30	0	49	2	3	18	1	8	20	2	51	2	43	0	54	21	37	3	42
33	0	52	27	3	24	0	57	40	2	24	2	58	0	24	22	3	3	54
													mīue					
36	0	55	20	3	30	0	47	40	1	59	3	7	0	18	21	58	4	12
39	0	57	43	3	42	0	34	0	1	25	3	12	1	12	21	22	4	30
42	0	59	25	3	48	0	21	30	0	54	3	10	1	54	20	4	4	42
44	1	0	8	3	42	0	12	30	0	31	3	1	2	18	18	48	4	48
46	1	0	33	3	48	0	2	0	0	5	2	46	2	12	17	14	4	54
47	1	0	35	3	24	0	0	0	0	0	2	36	1	36	16	16	4	30
	retrogd⁹					mīue			mīue									
48	1	0	35	3	6	0	9	30	0	24	2	31	3	0	15	15	4	12
50	1	0	16	3	18	0	18	30	0	46	2	11	3	54	12	56	4	30
52	0	59	39	3	18	0	26	0	1	5	1	48	4	18	10	19	4	39
54	0	58	47	3	24	0	32	0	1	20	1	16	4	36	7	27	4	48

Residuū ☿

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	Locus			Eq̄tio		ad di.			ad ho.		Lati.		Eq̄tio		Elóga.		Eq̄tio	
Di	S	g	m̄	m̄	2	g	m̄	2	m̄	2	g	m̄	m̄	2	g	m̄	m̄	2
es	retrogdº			miue		miue			miue		meri.		miue		☿		miue	
56	0	57	43	3	24	0	34	30	1	26	0	47	4	6	4	24	4	48
58	0	56	34	3	48	0	34	30	1	26	0	13	3	54	1	12	5	18
											sept.		adde		☉		adde	
60	0	55	25	4	0	0	31	30	1	19	0	17	3	36	1	58	5	30
62	0	54	12	4	18	0	26	30	1	6	0	45	3	42	5	3	5	54
64	0	53	29	4	36	0	19	0	0	47	1	6	3	36	7	57	6	18
66	0	52	51	4	48	0	7	30	0	19	1	26	3	12	10	36	6	30
68	0	52	36	5	18	0	4	0	0	10	1	39	2	48	12	52	7	6
	Directus					adde			adde									
69	0	52	32	5	12	0	9	0	0	22	1	45	2	30	13	56	7	6
70	0	52	41	5	30	0	12	0	0	30	21	51	2	12	14	49	7	24
72	0	53	5	5	48	0	21	0	0	52	1	59	1	42	16	27	7	42
74	0	53	47	5	42	0	33	0	1	22	1	59	1	12	17	47	7	36
76	0	54	53	5	30	0	42	40	1	47	1	59	0	30	18	43	7	30
79	0	57	1	5	12	0	56	0	2	20	1	47	0	12	19	38	7	18
													miue					
82	0	59	49	5	30	1	5	40	2	44	1	33	0	18	19	53	7	36
85	1	3	6	5	36	1	14	0	3	5	1	15	0	24	19	47	7	48
88	1	6	48	4	54	1	21	0	3	22	0	54	1	0	19	2	7	0
91	1	10	51	4	24	1	27	20	5	38	0	35	1	18	18	3	6	36
94	1	15	13	3	54	1	31	40	3	49	0	7	0	48	16	44	6	12
											meri.		adde					
97	1	19	48	3	30	1	37	c	4	2	0	12	1	24	15	13	5	48
100	1	24	39	3	6	1	40	20	4	11	0	34	1	6	13	27	5	24
103	1	29	40	2	48	1	42	20	4	16	0	54	1	6	11	30	5	6
106	1	34	47	2	18	1	45	20	4	23	1	17	1	0	9	28	4	42
109	1	40	3	2	0	1	46	40	4	27	1	31	0	42	7	16	4	24
112	1	45	23	1	36	1	47	40	4	29	1	43	0	36	5	1	5	0
115	1	50	46	1	6	1	49	0	4	32	1	54	0	6	2	40	3	24

	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elonga.		Equo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		sept.		miue		☿		miue	
0	0	1	17	1	54	1	44	40	4	22	0	32	1	54	3	23	1	30
3	0	6	31	2	12	1	44	20	4	21	0	14	2	6	5	42	2	0
											mert.		adde.					
6	0	11	44	2	30	1	42	20	4	16	0	4	2	36	7	58	2	24
9	0	16	51	2	30	1	41	0	4	12	0	28	2	12	10	9	2	36
12	0	21	54	2	42	1	38	0	4	5	0	52	2	12	12	14	2	54
15	0	26	48	2	24	1	35	40	3	59	1	20	1	48	14	11	2	42
18	0	31	35	2	36	1	32	20	3	51	1	40	1	42	16	1	3	0
21	0	36	12	2	54	1	27	0	3	37	2	0	1	18	14	39	3	54
24	0	40	33	2	54	1	22	40	3	27	2	19	1	24	19	2	3	30
27	0	44	41	3	12	1	16	0	3	10	2	36	0	54	20	10	3	54
30	0	48	29	3	18	1	8	0	2	50	2	52	0	12	21	0	4	12
													miue					
33	0	51	53	3	24	0	57	20	2	23	3	2	0	30	21	24	4	24
36	0	54	45	3	0	0	47	0	1	57	3	4	0	54	21	16	4	6
39	0	57	6	2	42	0	33	40	1	24	3	0	1	24	20	37	3	54
42	0	48	47	2	6	0	22	0	0	55	2	51	2	18	19	17	3	30
44	0	59	31	2	0	0	12	0	0	30	2	38	2	54	18	0	3	24
46	0	59	55	1	54	0	6	0	0	15	2	24	3	48	16	25	3	18
47	1	0	1	2	6	0	3	0	0	7	2	13	4	0	15	31	3	30
	retrogd°					miue			miue									
48	1	0	4	2	0	0	10	30	0	26	2	1	4	6	14	33	3	30
50	0	59	43	2	30	0	18	30	0	46	1	32	0	30	12	11	4	0
52	0	59	6	2	54	0	26	30	1	6	1	5	3	48	9	33	4	30
54	0	58	13	2	54	0	32	0	1	20	0	35	4	24	6	39	4	36

Residuũ ☿

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	Locus			Eq̃tio		ad vi.			ad ho		Lati.		Eq̃tio		Elóga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	retrog̃d⁹			mīue		mīue			mīue		meri.		mīue		☿		mīue	
56	0	57	9	3	24	0	36	30	1	31	0	1	4	0	3	33	5	6
											ſept.		adde					
58	0	57	56	3	48	0	35	30	1	29	0	26	4	24	0	19	5	36
															☉			
60	0	54	55	4	18	0	33	0	1	22	0	53	4	30	2	53	6	12
62	0	53	39	4	0	0	28	0	1	10	1	22	3	42	6	2	6	54
64	0	52	43	5	24	0	20	0	0	50	1	42	3	24	9	0	7	18
66	0	52	3	5	54	0	10	0	0	25	1	58	2	48	11	41	7	54
68	0	51	43	5	48	0	3	0	0	7	2	7	2	12	14	3	7	54
	directus					adde			adde									
69	0	51	40	5	48	0	6	0	0	15	2	10	1	48	15	7	7	54
70	0	51	46	6	18	0	10	30	0	26	2	19	1	30	16	3	8	24
72	0	52	7	6	12	0	21	30	0	54	2	16	8	10	17	44	8	18
74	0	52	50	6	6	0	34	0	1	25	2	11	0	36	19	3	8	12
76	0	53	58	6	24	0	43	40	1	49	2	4	0	6	19	58	8	36
													mīue					
79	0	56	9	6	18	0	55	0	2	17	1	49	0	18	20	51	8	24
82	0	58	54	6	0	1	5	20	2	43	1	30	0	36	21	9	8	12
85	1	2	10	5	12	1	16	20	3	11	1	11	1	6	20	58	8	24
88	1	5	59	4	36	1	22	40	3	27	0	44	1	12	20	12	6	54
91	1	10	7	4	12	1	29	0	3	42	0	22	1	12	19	9	9	36
											meri.		adde					
94	1	14	34	3	54	1	33	0	3	52	0	1	1	42	17	46	6	18
97	1	19	13	3	36	1	38	20	4	6	0	23	1	6	16	11	6	0
100	1	24	8	3	0	1	41	20	4	12	0	45	1	18	14	21	5	24
103	1	29	12	2	36	1	44	0	4	20	1	6	1	12	12	21	5	0
106	1	34	24	2	0	1	46	20	4	26	1	27	0	36	10	15	4	18
109	1	39	43	1	36	1	48	0	4	30	1	39	0	30	8	0	3	42
112	1	45	7	1	0	1	49	20	4	33	1	49	0	0	5	41	3	12
												mīue						
115	1	50	35	0	42	1	50	0	4	35	1	55	0	18	3	14	2	54

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	Locus			Eq̃tio		ad di.			ad ho.		Lati.		Eq̃tio		Elõga.		Eq̃tio	
Di	S	g̃	m̃	m̃	2	g̃	m̃	2	m̃	2	g̃	m̃	m̃	2	g̃	m̃	m̃	2
es	Directus			minue		adde			adde		sept.		minue		☿		minue	
0	0	0	58	1	48	1	43	40	4	19	0	13	2	0	3	8	1	54
											meri.		adde					
3	0	6	9	2	6	1	43	20	4	18	0	7	2	6	5	22	2	18
6	0	11	19	2	0	1	41	20	4	16	0	30	2	6	7	34	2	18
9	0	16	26	2	18	1	40	20	4	11	0	50	1	54	9	43	2	42
12	0	21	27	2	24	1	39	0	4	7	1	14	1	54	11	45	2	54
15	0	26	24	2	36	1	35	0	3	57	1	38	1	42	13	44	3	6
18	0	31	9	2	42	1	31	20	3	48	1	57	2	24	15	31	3	30
21	0	35	43	2	42	1	27	0	3	37	2	13	1	12	17	5	3	36
24	0	40	4	2	42	1	21	40	3	24	2	33	0	42	18	27	3	48
27	0	44	9	2	12	1	15	40	3	9	2	45	0	18	19	31	3	18
													minue					
30	0	47	56	2	6	1	7	40	2	49	2	54	0	24	20	18	3	24
33	0	51	19	1	42	0	58	40	2	27	2	57	0	54	20	40	3	6
36	0	54	15	1	24	0	48	0	2	0	2	55	1	42	20	35	2	54
39	0	56	39	1	24	0	35	40	1	29	2	46	2	24	19	58	2	54
42	0	28	26	2	42	0	22	30	0	56	2	28	2	48	18	42	3	18
44	0	59	11	1	24	0	12	30	0	31	2	9	3	18	17	26	3	0
46	0	59	36	1	42	0	4	0	0	10	1	46	3	18	15	52	3	24
47	0	59	40	1	42	0	4	0	0	10	1	33	3	24	14	36	3	30
	retrogđ°					minue			minue									
48	0	59	44	1	48	0	13	0	0	32	1	20	3	30	13	58	3	36
50	0	59	18	1	42	0	20	30	0	51	0	57	4	42	11	31	3	36
52	0	58	37	1	48	0	26	30	1	6	0	27	4	48	8	48	3	42
											sept.		adde					
54	0	57	47	1	42	0	34	30	1	26	0	9	4	36	5	43	4	42

Residuū ☿

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	Locus			Equtio		ad di.			ad ho.		Lati.		Equtio		Elōga.		Equo	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogdˀ			mine		mine			mine		sept.		adde		☿		mine	
56	0	56	35	3	18	0	38	30	1	36	0	39	4	36	2	42	5	18
															☉		adde	
58	0	55	18	4	0	0	38	0	1	35	1	10	4	12	0	17	6	6
60	0	54	2	4	42	0	36	30	1	31	1	38	3	24	3	55	6	48
62	0	52	49	5	18	0	30	0	1	15	1	59	3	6	7	11	7	24
64	0	51	49	5	42	0	22	30	0	56	2	16	2	42	10	13	7	48
66	0	51	4	6	6	0	9	30	0	24	2	26	2	0	13		8	18
68	0	50	45	6	36	0	3	0	0	7	2	29	1	24	15	22	8	42
	Directus					adde			adde									
69	0	50	42	6	48	0	1	0	0	2	2	28	1	24	16	27	9	0
70	0	50	43	6	42	0	11	0	0	27	2	28	1	12	17	27	8	54
72	0	51	5	6	54	0	22	0	0	55	2	26	0	42	19	7	9	6
74	0	51	49	6	42	0	32	30	1	21	2	17	0	12	20	25	9	0
76	0	52	54	6	30	0	44	0	1	50	2	5	0	6	21	24	4	48
													mine					
79	0	55	6	6	0	0	56	0	2	20	1	46	0	36	22	15	8	24
82	0	57	54	5	12	1	8	0	2	50	1	24	0	48	22	31	7	36
85	1	1	18	4	48	1	18	20	3	26	1	0	1	24	22	12	7	12
88	1	5	13	4	54	1	24	0	3	30	0	32	1	24	21	21	7	18
91	1	9	25	4	12	1	3	0	3	45	0	10	1	24	20	15	6	30
											meri.		adde					
94	1	13	55	3	36	1	34	0	3	55	0	18	1	12	18	49	5	54
97	1	18	37	2	48	1	40	20	4	11	0	37	1	18	17	11	5	6
100	1	23	38	2	24	1	42	40	4	17	0	58	1	0	15	15	4	42
103	1	28	49	1	54	1	46	0	4	25	1	18	0	42	13	11	4	6
106	1	34	4	1	30	1	48	0	4	30	1	33	0	30	10	58	3	36
109	1	39	28	1	0	1	49	40	4	34	1	44	0	0	8	37	3	12
													mine					
112	1	44	57	0	36	1	50	20	4	36	1	49	0	24	6	13	2	42
115	1	50	28	0	24	1	50	0	4	35	1	52	0	36	3	43	2	30

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	Locus			Eqtio		ad di.			ad ho.		Lati.		Eqtio		Elōga.		Eqtio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			miue		adde			adde		meri.		adde		☿		miue	
0	0	0	40	1	54	1	47	40	4	17	0	7	1	54	2	49	2	18
3	0	5	48	1	48	0	43	40	4	19	0	28	1	54	4	59	2	18
6	0	10	59	2	6	1	41	20	4	13	0	51	1	42	7	11	2	48
9	0	16	3	2	12	1	40	0	4	10	1	9	2	0	9	16	3	0
12	0	21	3	2	24	1	38	40	4	7	1	33	1	30	11	16	3	18
15	0	25	59	2	24	1	34	20	3	56	1	55	1	18	13	13	3	30
18	0	30	42	2	6	1	31	20	3	48	2	11	1	0	14	56	3	12
21	0	35	16	1	42	1	27	0	3	37	2	25	0	30	16	29	3	0
24	0	39	37	1	18	1	23	20	3	28	2	40	0	0	17	49	2	42
													miue					
27	0	43	47	1	12	1	16	0	3	10	2	48	0	36	18	58	2	42
30	0	47	35	1	0	1	9	0	2	52	2	50	1	0	19	44	2	30
33	0	51	2	0	42	0	59	40	2	29	2	48	1	48	20	9	2	24
36	0	54	1	1	0	0	48	0	2	0	2	38	1	48	20	6	2	42
39	0	56	29	0	30	0	34	40	1	27	2	22	2	36	19	19	2	24
				adde														
42	0	58	9	0	6	0	24	0	1	0	2	0	3	24	18	9	1	48
				miue														
44	0	58	57	0	18	0	11	0	0	27	1	36	3	48	16	56	2	18
46	0	59	39	0	2	0	4	0	0	10	1	13	4	18	15	58	2	12
47	0	59	33	0	30	0	3	0	0	27	0	59	4	24	14	21	2	30
	retrogd'						miue		miue									
48	0	59	26	1	0	0	12	30	0	31	0	45	4	36	13	22	3	6
50	0	59	1	0	54	0	21	0	0	52	0	10	4	30	10	55	3	0
											sept.		adde					
52	0	58	39	1	30	0	31	0	1	17	0	21	4	36	8	11	3	36
54	0	57	17	2	18	0	37	30	1	34	0	55	4	24	5	7	4	24

Residuū ☿

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	Locus			Eq̄tio		ad di.			ad ho		Lati.		Eq̄tio		Elōga.		Eq̄tio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogd'			mīue		mīue			mīue		sept.		adde		☿		mīue	
56	0	57	17	2	18	0	37	30	1	34	0	55	4	24	5	7	4	24
															⊙		adde	
58	0	54	38	3	48	0	41	30	1	44	1	52	3	12	1	38	5	54
60	0	53	15	4	48	0	49	30	1	39	2	12	3	18	5	3	7	0
62	0	51	56	5	36	0	32	0	1	20	2	30	2	42	8	25	7	48
64	0	50	52	6	0	0	24	30	1	1	2	43	1	48	11	31	8	18
66	0	50	3	6	18	0	12	0	0	30	2	46	1	36	14	23	8	36
68	0	49	39	6	42	0	5	0	0	12	2	43	1	24	16	49	9	0
	directus					adde			adde									
69	0	49	34	6	24	0	2	0	0	5	2	42	1	0	17	56	8	42
70	0	49	36	6	18	0	10	0	0	25	2	40	0	42	18	56	8	36
72	0	49	59	6	24	0	23	0	0	57	2	23	0	6	20	38	8	48
74	0	50	42	6	12	0	33	30	1	24	2	19	0	6	21	55	8	36
													mīue					
76	0	51	49	5	42	0	45	40	4	54	2	6	0	36	22	52	8	6
79	0	54	6	5	48	0	58	40	2	27	1	40	0	54	23	39	8	12
82	0	57	2	5	6	1	9	20	1	52	1	16	1	18	23	47	7	30
85	1	0	30	4	24	1	18	0	3	15	0	46	1	12	23	29	6	48
88	1	4	24	3	48	1	26	20	3	36	0	18	1	18	22	34	6	6
											meri.		adde					
91	1	8	43	3	18	1	32	0	3	50	0	4	1	30	21	20	5	36
94	1	13	17	2	48	1	36	40	4	2	0	30	1	12	19	48	5	0
97	1	18	9	2	18	1	41	40	4	14	0	50	1	0	18	2	4	34
100	1	23	14	1	48	1	44	20	4	21	1	8	0	48	16	2	3	54
103	1	28	27	1	12	1	47	20	4	28	1	25	0	24	13	52	3	18
106	1	33	49	0	54	1	49	40	4	34	1	38	0	12	11	34	3	0
109	1	39	18	0	36	1	51	0	4	37	1	44	0	24	9	9	2	36
112	1	44	51	0	18	1	51	0	4	38	1	45	0	36	6	40	2	12
				adde														
115	1	50	24	0	12	1	52	0	4	40	1	46	0	30	4	8	1	42

☿

5 50

	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Eloga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	Directus			mine		adde			adde		meri.		adde		☿		mine	
0	0	0	21	2	6	1	43	0	4	17	0	26	0	54	2	26	3	0
3	0	5	30	2	18	1	42	40	4	17	0	47	1	42	4	36	3	18
6	0	10	38	2	12	1	41	0	4	13	1	8	1	42	6	43	3	18
9	0	15	41	2	0	1	39	40	4	9	1	29	1	30	8	46	3	12
12	0	20	39	1	48	1	38	40	4	7	1	48	1	24	10	43	3	12
15	0	25	35	1	42	1	38	40	3	59	2	4	0	48	12	38	3	6
18	0	30	22	1	36	1	32	20	3	51	2	21	0	36	14	24	2	54
21	0	34	59	1	12	1	28	20	3	41	2	30	0	6	15	59	2	48
													mine					
24	0	39	24	1	0	1	23	40	3	29	2	40	0	24	17	22	2	36
27	0	43	35	0	54	1	16	40	3	12	2	42	0	42	18	31	2	42
30	0	47	25	0	18	1	10	0	2	55	2	40	1	0	19	19	2	12
33	0	50	55	0	6	0	58	40	2	27	2	30	1	48	19	45	2	0
				adde														
36	0	53	51	0	36	0	49	40	2	4	2	20	2	54	19	39	1	24
39	0	56	24	0	48	0	36	40	1	32	1	56	3	24	19	5	1	18
42	0	58	10	0	30	0	22	0	0	55	1	26	3	54	17	51	2	36
44	0	58	54	0	18	0	11	30	0	29	0	50	3	48	16	33	1	54
46	0	59	17	0	0	0	1	0	0	2	0	30	3	48	14	56	2	12
	retrogd					mine			mine									
47	0	59	18	0	6	0	2	0	0	5	0	15	3	42	13	56	2	24
											sept.		adde					
48	0	59	16	0	24	0	12	0	0	30	0	1	3	36	12	51	2	30
50	0	58	52	0	54	0	24	0	1	0	0	35	3	30	10	25	3	6
52	0	58	4	1	24	0	35	0	1	27	1	7	3	24	7	35	3	36

Residuū ☿

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	Locus			Equatio		ad di.			ad ho.		Lati.		Equatio		Elonga.		Equatio	
Di	S	g	m	m	2	g	m	2	m	2	g	m	m	2	g	m	m	2
es	retrogradus			adde		minue			minue		sept.		adde		☿		minue	
54	0	56	54	2	0	0	41	0	1	42	1	39	3	6	4	23	4	18
56	0	55	32	2	48	0	46	0	1	55	2	3	3	36	0	57	5	36
															☉		adde	
58	0	54	0	3	30	0	46	30	1	56	2	24	3	12	2	35	5	48
60	0	52	27	4	12	0	43	30	1	49	2	45	2	42	6	13	6	30
62	0	51	0	4	54	0	34	0	1	25	2	57	2	12	9	43	7	18
64	0	49	52	5	48	0	26	0	1	5	3	1	1	42	12	54	8	12
66	0	49	0	5	36	0	14	0	0	35	3	2	1	0	15	49	8	0
68	0	48	32	5	54	0	2	0	0	5	2	57	0	30	18	19	8	18
	directus					adde			adde									
69	0	48	30	6	18	0	3	0	0	7	2	52	0	18	19	23	8	36
70	0	48	33	6	36	0	9	30	0	24	2	47	0	6	20	22	8	30
													minue					
72	0	48	52	5	42	0	24	0	1	0	2	34	0	12	22	6	8	6
74	0	49	40	5	42	0	36	0	1	32	2	20	1	0	23	21	8	0
76	0	50	52	5	42	0	45	20	1	53	2	0	1	0	24	13	8	0
79	0	53	8	4	42	1	1	0	2	32	1	31	1	0	25	1	6	54
82	0	56	11	4	12	1	11	40	2	59	1	3	1	30	25	2	6	24
85	0	59	46	3	42	1	20	40	3	20	0	34	1	30	24	32	5	48
88	1	3	46	3	0	1	28	0	3	40	0	5	1	24	23	35	5	12
											meri.		adde					
91	1	8	10	2	30	1	33	40	3	54	0	19	1	6	22	16	4	36
94	1	12	51	1	54	1	38	20	4	6	0	42	1	0	20	38	4	0
97	1	17	46	1	30	1	43	20	4	18	1	0	1	12	18	47	3	30
100	1	22	56	0	54	1	46	20	4	26	1	16	1	36	16	41	2	48
103	1	28	15	0	36	1	48	20	4	31	1	29	1	48	14	35	2	0
106	1	33	40	0	12	1	50	40	4	37	1	40	1	36	12	4	2	6
				minue														
109	1	39	12	0	6	1	52	0	4	40	1	48	1	0	9	35	1	30
112	1	44	48	0	24	1	52	40	4	42	1	51	0	36	7	2	1	12
115	1	50	26	0	36	1	54	0	4	47	1	51	0	30	4	25	0	54

Tabula radicū cōiunctionis luminariū

An	Supatio dies			Locus ☉ medie			Arg. mediū ☽		Arg. latitu. ☽		
expansi	Di	ho	m̄	S	ḡ	m̄	ḡ	m̄	S	ḡ	m̄
40	21	21	16	5	38	43	153	31	0	31	13
80	14	5	54	5	46	33	332	51	0	33	7
120	6	14	29	5	54	22	152	10	2	35	1
160	28	11	47	5	33	6	305	41	3	6	14
200	20	20	22	5	40	55	125	1	4	8	8
240	13	4	57	5	48	45	304	21	5	10	1
280	5	13	32	5	56	34	123	41	0	11	55
320	27	10	51	5	35	18	277	11	0	43	8
360	19	19	26	5	43	7	96	31	1	45	2
400	12	4	1	5	50	57	275	51	2	46	55
440	4	12	35	5	58	46	95	11	3	48	49
480	26	9	26	5	37	30	248	42	4	20	2
520	18	18	29	5	45	19	68	1	5	21	56
560	11	3	4	5	53	9	247	21	0	23	49
600	3	11	36	0	0	58	66	41	1	25	43
640	25	8	58	5	39	42	220	12	1	56	56
680	17	17	32	5	47	31	39	32	2	58	50
720	10	2	7	5	55	21	218	51	4	0	49
760	2	10	42	0	3	10	38	11	5	2	37
800	24	8	1	5	41	54	191	42	5	33	50
840	16	16	36	5	49	43	11	2	0	35	44
880	9	1	11	5	57	33	190	22	1	37	38
920	1	9	46	0	5	22	9	42	2	39	31
960	23	7	44	5	44	6	163	12	3	10	45
1000	15	15	39	5	51	55	342	32	4	12	38
1040	8	0	14	5	59	45	161	52	5	14	32
1080	0	8	49	0	7	34	315	23	5	45	45
1120	22	6	8	5	46	18	134	43	0	47	39
1160	14	14	43	5	54	7	314	2	1	49	32
1200	6	23	18	0	1	57	133	22	2	51	26
1240	28	20	36	5	40	40	286	53	3	22	39
1280	21	5	11	5	48	30	106	13	4	24	33
1320	13	13	46	5	59	19	285	33	5	26	26
1360	5	22	21	0	4	9	104	52	0	28	20

Tabula radicũ cõiunctiõis luminariũ

An	Supatio dies			Locus ☌ medie			Arg. mediũ ☽		Arg. latitu. ☽		
expansi	Di	ho	m̄	S	g̃	m̄	g̃	m̄	S	g̃	m̄
1400	27	19	40	5	42	52	258	23	0	59	33
1440	20	4	15	5	50	42	77	43	2	1	27
1480	12	12	49	5	58	31	257	3	3	3	21
1520	4	21	24	0	6	21	76	23	4	5	10
1560	26	18	43	5	45	4	229	53	4	36	28
1600	19	3	18	5	52	54	49	13	5	38	21
1640	11	11	53	0	0	43	228	33	0	40	15
1680	3	20	28	0	8	33	47	53	1	42	8
1720	25	17	47	5	47	16	201	24	2	13	22
1760	18	2	21	5	55	6	20	43	3	15	15
1800	10	10	56	0	2	55	200	3	4	17	9
1840	2	19	31	0	10	45	19	23	5	19	2
1880	24	16	50	5	47	28	172	54	5	50	16
1920	17	1	25	5	57	18	352	14	0	52	9
1960	9	10	0	0	2	7	171	33	1	54	3
2000	1	18	35	0	12	57	330	53	2	55	57

ℭ Tabula radicum

Radi	Supatio			locus ☌			Arg. ☽		Arg. latitu.		
	Di	ho	m̄	S	g̃	m̄	g̃	m̄	S	g̃	m̄
xp̃i	16	17	4	4	21	49	339	55	5	52	53
1400	14	23	59	4	33	48	264	7	1	23	6
1440	7	8	34	4	41	37	83	27	2	24	59

ℭ Tabella breuis reuolutionum

			adde loco ☉			adde loco ☽			adde arg. ☽		adde arg. latitu. ☽			
Di	ho	m̄	S	g̃	m̄	S	g̃	m̄	g̃	m̄	S	g̃	m̄	
14	18	22	0	14	33	3	14	33	192	55	3	15	20	☍
29	12	44	0	29	6	0	29	6	25	49	0	30	40	☌
44	7	6	0	43	39	3	43	49	218	44	3	46	0	☍
59	1	28	0	58	13	0	58	13	51	38	1	1	20	☌
73	19	50	1	12	46	4	12	46	244	33	4	16	40	☍
88	14	22	1	27	19	1	27	19	77	27	1	32	1	☌
103	8	34	1	41	52	4	41	52	270	22	4	47	21	☍
118	2	16	1	56	26	1	56	26	103	16	2	2	48	☌

Tabula radicũ cõiunctions luminariũ

Anni expansi	Supatio dies Di	ho	m̃	Locus ♂ medie S	g̃	m̃	Arg. mediũ ☽ g̃	m̃	Arg. latitu. ☽ S	g̃	m̃
1	10	15	11	15	49	17	309	48	0	8	3
2	21	6	2	5	38	34	259	36	0	16	6
3	2	8	50	5	56	57	235	13	0	54	48
4	14	0	2	5	46	14	185	1	1	2	51
5	24	15	13	5	35	31	134	50	1	10	54
6	5	17	40	5	53	54	110	57	1	49	37
7	16	8	52	5	43	11	60	15	1	57	40
8	28	0	3	5	32	28	10	3	2	5	42
9	9	2	30	5	50	51	345	40	2	42	25
10	19	17	42	5	40	8	295	28	2	52	28
11	0	20	9	5	58	31	271	5	3	31	12
12	12	11	20	5	47	48	220	53	3	39	14
13	23	2	32	5	37	5	170	42	3	47	17
14	4	4	59	5	55	28	146	19	4	26	0
15	14	20	11	5	44	45	96	7	4	34	2
16	26	11	22	5	34	1	45	55	4	42	5
17	7	13	49	5	52	25	21	32	5	20	48
18	18	5	1	5	41	42	331	20	5	28	51
19	28	20	12	5	30	58	281	8	5	36	54
20	10	22	39	5	49	22	256	45	0	15	37
21	21	13	51	5	38	38	206	34	0	23	39
22	2	16	18	5	57	2	182	11	1	2	22
23	13	7	30	5	46	19	131	59	1	10	25
24	24	22	41	5	35	35	81	47	1	18	28
25	6	1	8	5	53	59	57	24	1	57	11
26	16	16	20	5	43	15	7	12	2	5	14
27	27	7	31	5	32	32	317	0	2	13	16
28	9	9	58	5	50	56	292	37	2	51	59
29	20	1	10	5	40	12	242	25	3	0	2
30	1	3	37	5	58	36	218	3	3	38	45
31	11	18	49	5	47	52	167	51	3	46	48
32	23	10	0	5	37	9	117	39	3	54	51

Tabula radicū cōiunctions luminariū

Anni expansi	Supatio dieſ Di	ho	m	Locus ☌ medie S	g	m	Arg. mediū ☽ g	m	Arg. latitu. ☽ S	g	m
33	4	12	27	5	55	33	93	16	4	33	34
34	15	3	39	5	44	49	43	4	4	41	36
35	25	18	50	5	34	6	352	52	4	49	39
36	7	21	17	5	52	29	328	29	5	28	22
37	18	12	29	5	41	46	278	17	5	36	25
38	29	3	40	5	37	3	228	6	5	44	28
39	10	6	7	5	49	26	203	43	0	23	11
40	21	21	19	5	38	43	153	31	0	31	13

Menses nō biſexſtiles.

	Di	ho	m	S	g	m	g	m	S	g	m
Janu.	1	11	16	0	29	6	25	49	0	30	40
Febra.	29	11	16	0	29	6	25	49	0	30	40
Mar.	1	9	48	1	27	19	77	27	1	32	1
April.	1	21	4	1	56	26	103	16	2	2	41
Maz.	3	8	20	2	25	32	129	5	2	33	21
Junin.	3	19	36	2	54	38	154	54	3	4	0
Julin.	5	6	52	2	23	41	180	43	3	34	42
Augu.	6	18	8	3	52	51	206	32	4	5	22
Sept.	7	5	24	4	21	58/	232	21	4	36	2
Octob.	8	16	39	4	51	4	258	10	5	6	42
Nouē.	9	3	55	5	20	10	283	59	5	37	23
Decē.	10	15	11	5	49	17	309	48	0	8	3

Menſes biſextiles.

Janu.	1	11	16	0	28	6	35	49	0	30	40
Febra.	0	22	32	0	58	13	51	38	1	.1	20
Mar.	2	9	48	1	27	19	77	27	1	32	1
April.	2	21	4	1	56	26	103	16	2	2	41
Maz.	4	8	20	2	25	35	129	5	2	33	21
Junin.	4	19	36	2	54	38	154	54	3	4	0
Julin.	6	6	52	3	23	45	180	43	3	34	42
Augu.	7	18	8	3	52	52	206	32	4	5	22
Sept.	8	5	24	4	21	58	232	21	4	36	2
Octob.	9	16	39	4	51	4	258	10	5	6	42
Nouē.	10	3	55	5	20	10	283	59	5	37	23
Decē.	11	13	11	5	49	17	309	48	0	8	3

ℭ Tabula ☌ in annis non bissextilibus

Januari⁹			Februari⁹			Marci⁹			Aprilis			Maius			Junius		
Di	ho	m̄	Di	ho.	m̄	Di.	ho	m̄	Di	ho.	m̄	Di	ho	m̄	Di	ho	m̄
0	0	0				0	1	28									
29	12	44	0	0	0	29	14	12	28	2	56	27	15	40	26	4	24
1	0	0				1	1	28									
30	12	44	0	0	0	30	14	12	29	2	56	28	15	40	26	4	24
2	0	0				2	1	28									
31	12	44	0	0	0	31	14	12	30	2	56	29	15	40	28	4	24
												1	2	56			
3	0	0	1	12	44	3	1	28	1	14	12	30	15	40	29	4	24
												2	2	56			
4	0	0	2	12	44	4	1	28	2	14	12	31	15	40	30	4	24
5	0	0	3	12	44	5	1	28	3	14	12	3	2	56	1	15	40
6	0	0	4	12	44	6	1	28	4	14	12	4	2	56	2	15	40
7	0	0	5	12	44	7	1	28	5	14	12	5	2	56	3	15	40
8	0	0	6	12	44	8	1	28	6	14	12	6	2	56	4	15	40
9	0	0	7	12	44	9	1	28	7	14	12	7	2	56	5	15	40
10	0	0	8	12	44	10	1	28	8	14	12	8	2	56	6	14	40
11	0	0	9	12	44	11	1	28	9	14	12	9	2	56	7	15	40
12	0	0	10	12	44	12	1	24	10	14	12	10	2	56	8	15	40
13	0	0	11	12	44	13	1	28	11	14	12	11	2	56	9	15	40
14	0	0	12	12	44	14	1	28	12	14	12	12	2	56	10	15	40
15	0	0	13	12	44	15	1	28	13	14	12	13	2	56	11	15	40
16	0	0	14	12	44	16	1	28	14	14	12	14	2	56	12	15	40
17	0	0	15	12	44	17	1	28	15	14	12	15	2	56	13	15	40
18	0	0	16	12	44	18	1	28	16	14	12	16	2	56	14	15	40
19	0	0	17	12	44	19	1	28	17	14	12	17	2	56	15	15	40
20	0	0	18	12	44	20	1	22	18	14	12	18	2	56	16	15	40
21	0	0	19	12	44	21	1	28	19	14	12	19	2	56	17	15	40
22	0	0	20	12	44	22	1	28	20	14	12	20	2	56	18	15	40
23	0	0	21	12	44	23	1	28	21	14	12	21	2	56	19	15	40
24	0	0	22	12	44	24	1	28	22	14	12	22	2	56	20	15	40
25	0	0	23	12	44	25	1	28	23	14	12	23	2	56	21	15	40
26	0	0	24	12	44	26	1	28	24	14	12	24	2	56	22	15	40
27	0	0	25	12	44	27	1	28	25	14	12	25	2	56	23	15	40
28	0	0	26	12	44	28	1	28	26	14	12	26	2	59	24	15	40
29	0	0	27	12	44	29	1	28	27	14	12	27	2	56	25	15	40
30	0	0	28	12	44	30	1	28	28	14	12	28	2	56	26	15	40
						1	12	44									
31	0	0	29	12	44	31	1	28	29	14	12	29	2	56	27	15	40

Tabula ♂ in annis non bissextilibus

Julius			Augustus			September			October			Novẽber			Decẽber			Januarius			
Di	ho	m̃	Di	ho.	m̃	Di.	ho	m̃	di.	ho	m̃	di.	ho.	m̃	Di.	ho.	m̃	Di	ho	m	2
25	17	8	24	5	52	22	18	36	22	7	21	20	20	5	20	8	49	18	21	33	37
26	17	8	25	5	52	23	18	36	23	7	21	21	20	5	21	8	49	19	21	33	37
27	17	8	26	5	52	24	18	36	24	7	21	22	20	5	22	8	49	20	21	33	37
28	17	8	27	5	52	25	18	36	25	7	21	23	20	5	23	8	49	21	21	33	37
29	17	8	28	5	52	26	18	36	26	7	21	24	20	5	24	8	49	22	21	33	37
1	4	24																			
30	17	8	29	5	52	27	18	36	27	7	21	25	20	5	25	8	49	23	21	33	37
2	4	24																			
31	17	8	30	5	52	28	18	36	28	7	21	26	20	5	26	8	49	24	21	33	37
			1	17	8																
3	4	24	31	5	52	29	18	36	29	7	21	27	20	5	27	8	49	25	21	33	37
						1	5	52													
4	4	24	2	17	8	30	18	36	30	7	21	28	20	5	28	8	49	26	21	33	37
									1	18	36										
5	4	24	3	17	8	8	5	52	31	7	21	29	20	5	29	8	49	27	21	33	37
												1	7	21							
6	4	24	4	17	8	3	5	52	2	18	36	30	20	5	30	8	49	28	21	33	37
															1	20	5				
7	4	24	5	17	8	4	5	52	3	18	36	2	7	21	31	49	8	29	21	33	37
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9	4	24	7	17	8	6	5	52	5	18	36	4	7	21	3	20	5	2	8	49	37
10	4	24	8	7	8	7	5	52	6	18	36	5	7	21	4	20	5	3	8	49	37
11	4	24	9	17	8	8	5	52	7	18	36	6	7	21	5	20	5	4	8	49	37
12	4	24	10	17	8	9	5	52	8	18	36	7	7	21	6	20	5	5	8	49	37
13	4	24	11	17	8	10	5	52	9	18	36	8	7	21	7	20	5	6	8	49	37
14	4	24	11	17	8	11	5	52	10	18	36	9	7	21	8	20	5	7	8	49	37
15	4	24	13	17	8	12	5	52	11	18	36	10	7	21	9	20	5	8	8	49	37
16	4	24	14	17	8	13	5	52	12	18	36	11	7	21	10	20	5	9	8	49	37
17	4	24	15	17	8	14	5	52	13	18	36	12	7	21	11	20	5	10	8	49	37
18	4	24	16	17	8	15	5	52	14	18	36	13	7	21	12	20	5	11	8	49	37
19	4	24	17	17	8	16	5	52	15	18	36	14	7	21	13	20	5	12	8	49	37
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21	4	24	19	17	8	18	5	52	17	18	36	16	7	21	15	20	5	14	8	49	37
22	4	24	20	17	8	19	5	52	18	18	36	17	7	31	16	20	5	15	8	49	37
23	4	24	21	17	8	20	5	52	19	18	36	18	7	21	17	20	5	16	8	49	37
24	4	24	22	17	8	21	5	52	20	18	36	19	7	21	18	20	5	17	8	49	37
25	4	24	23	17	8	22	5	52	21	18	36	20	4	21	19	20	5	18	8	49	37
26	4	24	24	17	8	23	5	52	22	18	36	21	7	21	20	20	5	19	8	49	37
27	4	24	25	17	8	24	5	52	23	18	36	22	7	21	21	20	5	20	8	49	37

¶ Tabula ☌ in anno bissextili

Januariꝰ			Februariꝰ			Martiꝰ			Aprilis			Maius			Junius		
Di	ho	m̄	Di	ho.	m̄	Di.	ho	m̄	di	ho.	m̄	Di	ho	m̄	Di	ho	m̄
0	0	0															
29	12	44	28	1	28	28	14	12	27	2	56	26	15	40	25	4	24
1	0	0															
30	12	44	29	1	28	29	14	12	28	2	56	27	15	40	26	4	24
2	0	0				1	1	28									
31	12	44	0	0	0	30	14	12	29	2	56	28	15	40	27	4	24
						2	1	28									
3	0	0	1	12	44	31	14	12	30	2	56	29	15	40	28	4	24
												1	2	56			
4	0	0	2	12	44	3	1	28	1	14	12	30	15	40	29	4	24
												2	2	56			
5	0	0	3	12	44	4	1	28	2	14	12	31	15	40	30	4	24
6	0	0	4	12	44	5	1	28	3	14	12	3	2	56	1	15	40
7	0	0	5	12	44	6	1	28	4	14	12	4	2	56	2	15	40
8	0	0	6	12	44	7	1	28	5	14	12	5	2	56	3	15	40
9	0	0	7	12	44	8	1	28	6	14	12	6	2	56	4	15	40
10	0	0	8	12	44	9	1	28	7	14	12	7	2	56	5	15	40
11	0	0	9	12	44	10	1	28	8	14	12	8	2	56	6	15	40
12	0	0	10	12	44	11	1	25	9	14	12	9	2	56	7	15	40
13	0	0	11	12	44	12	1	28	10	14	12	10	2	56	8	15	40
14	0	0	12	12	44	13	1	28	11	14	12	11	2	56	9	15	40
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16	0	0	14	12	44	15	1	28	13	14	12	13	2	56	11	15	40
17	0	0	15	12	44	16	1	28	14	14	12	14	2	56	12	15	40
18	0	0	16	12	44	17	1	28	15	14	12	15	2	56	13	15	40
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21	0	0	19	12	44	20	1	28	18	14	12	18	2	56	16	15	40
22	0	0	20	12	44	21	1	28	19	14	12	19	2	56	17	15	40
23	0	0	21	12	44	22	1	28	20	14	12	20	2	56	18	15	40
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26	0	0	24	12	44	25	1	28	23	14	12	23	2	56	21	15	40
27	0	0	25	12	44	26	1	28	24	14	12	24	2	56	22	15	40
28	0	0	26	12	44	27	1	28	25	14	12	25	2	56	23	15	40
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30	0	0	28	12	44	29	1	28	27	14	12	27	2	56	25	15	40
31	0	0	29	12	44	30	1	28	28	14	12	28	2	56	26	15	40

Tabula ☌ in anno bissextili

Julius			August'			Septēber			October			Nouēber			Decēber			Januarius			
Di	ho	m̄	Di	ho	m̄	Di	ho	m̄	Di	ho	m̄	Di	ho	m̄	Di	ho	m̄	Di	ho	m̄	2
24	17	8	23	5	52	21	18	36	21	7	21	19	20	5	19	8	49	17	21	33	37
25	17	8	24	5	52	22	18	36	22	7	21	20	20	5	20	8	49	18	21	33	37
26	17	8	25	5	52	23	18	36	23	7	21	21	20	5	21	8	49	19	21	33	37
27	17	8	26	5	52	24	18	36	24	7	21	22	20	5	22	8	49	20	21	33	37
28	17	8	27	5	52	25	18	36	25	7	21	23	20	5	23	8	49	21	21	33	37
29	17	8	28	5	52	26	18	36	26	7	21	24	20	5	24	8	49	22	21	33	37
1	4	24																			
30	17	8	29	5	52	27	18	36	27	7	21	25	20	5	25	8	49	23	21	33	37
2	4	24																			
31	17	8	30	5	52	28	18	36	28	7	21	26	20	5	26	8	49	24	21	33	37
			1	17	8																
3	4	24	31	5	52	29	18	36	29	7	21	27	20	5	27	8	49	25	21	33	37
						1	5	52													
4	4	24	2	17	8	30	18	36	30	7	21	28	20	5	28	8	49	26	21	33	37
									1	18	36										
5	4	24	3	17	8	2	5	52	31	7	21	29	20	5	29	8	49	27	21	33	37
												1	7	21							
6	4	24	4	17	8	3	5	52	2	18	36	30	20	5	30	8	49	28	21	33	37
															1	20	5				
7	4	24	5	17	8	4	5	52	3	18	36	2	7	21	31	8	49	29	21	33	37
																		1	8	49	37
8	4	24	6	17	8	5	5	52	4	18	36	3	7	21	2	20	5	30	21	33	37
9	4	24	7	17	8	6	5	52	5	18	36	4	7	21	3	20	5	2	8	49	37
10	4	24	8	17	8	7	5	52	6	18	36	5	7	21	4	20	5	3	8	49	37
11	4	24	9	17	8	8	5	52	7	18	36	6	7	21	5	20	5	4	8	49	37
12	4	24	10	17	8	9	5	52	8	18	36	7	7	21	6	20	5	5	8	49	37
13	4	24	11	17	8	10	5	52	9	18	36	8	7	21	7	20	5	6	8	49	37
14	4	24	12	17	8	11	5	52	10	18	36	9	7	21	8	20	5	7	8	49	37
15	4	24	13	17	8	15	5	52	11	18	36	10	7	21	9	20	5	8	8	49	37
16	4	24	14	17	8	13	5	52	12	18	36	11	7	21	10	20	5	9	8	49	37
17	4	24	15	17	8	14	5	52	13	18	36	12	7	21	11	20	5	10	8	49	37
18	4	24	16	17	8	15	5	52	14	18	36	13	7	21	12	20	5	11	8	49	37
19	4	24	17	17	8	16	5	52	15	18	36	14	7	21	13	20	5	12	8	49	37
20	4	24	18	17	8	17	5	52	16	18	36	15	7	21	14	20	5	13	8	49	37
21	4	24	19	17	8	18	5	52	17	18	36	16	7	21	15	20	5	14	8	49	37
22	4	24	20	17	8	19	5	52	18	18	36	17	7	21	16	20	5	15	8	49	37
23	4	24	21	17	8	20	5	52	19	18	36	18	7	21	17	20	5	16	8	49	37
24	4	24	22	17	8	21	5	52	20	18	36	19	7	21	18	20	5	17	8	49	37
25	4	24	23	17	8	22	5	52	21	18	36	20	2	21	19	20	5	18	8	49	37
26	4	24	24	17	8	23	5	52	22	18	36	21	7	21	20	20	5	19	8	49	37

0 0					0 1					0 2					0 3				
Locus ad ☉ o.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	0	2	23	5	59	58	2	23	5	59	56	2	23	5	59	54	2	23
0	28	5	2	23	0	28	3	2	23	0	28	1	2	23	0	27	59	2	23
0	56	15	2	25	0	56	23	2	25	0	56	22	2	25	0	56	21	2	25
1	25	10	2	27	1	25	10	2	27	1	25	10	2	28	1	25	10	2	28
1	54	28	2	30	1	54	29	2	30	1	54	30	2	31	1	54	31	2	31
2	24	16	2	33	2	24	18	2	33	2	24	20	2	33	2	24	22	2	33
2	54	25	2	34	2	54	27	2	34	2	54	29	2	34	2	54	32	2	34
3	24	39	2	33	3	24	44	2	33	3	24	44	2	33	3	24	46	2	33
3	54	37	2	31	3	54	39	2	31	3	54	40	2	38	3	54	41	2	31
4	24	7	2	28	4	24	7	2	28	4	24	7	2	28	4	24	8	2	28
4	53	4	2	26	4	53	3	2	26	4	53	2	2	25	4	53	1	2	25
5	21	31	2	24	5	21	29	2	24	5	21	28	2	24	5	21	26	2	24
5	49	40	2	23	5	49	38	2	23	5	49	36	2	23	5	49	34	2	23

0 4					0 5					0 6					0 7				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	52	2	23	5	59	50	2	23	5	59	48	2	23	5	59	46	2	23
0	27	57	2	23	0	27	55	2	23	0	27	53	2	24	0	27	52	2	24
0	56	20	2	25	0	56	19	2	25	0	56	18	2	25	0	56	17	2	26
1	25	10	2	28	1	25	10	2	28	1	25	9	2	28	1	25	9	2	28
1	54	22	2	31	1	54	33	2	31	1	54	34	2	31	1	54	35	2	31
2	24	24	2	33	2	24	27	2	33	2	24	28	2	33	2	24	30	2	33
2	54	34	2	34	2	54	37	2	34	2	54	39	2	34	2	54	42	2	34
3	24	48	2	33	3	24	50	2	33	3	24	52	2	33	3	24	54	2	33
3	54	43	2	31	3	54	44	2	31	3	54	45	2	31	3	54	46	2	30
4	24	8	2	28	4	24	8	2	28	4	24	8	2	28	4	24	8	2	27
4	53	0	2	25	4	52	59	2	25	4	52	58	2	25	4	52	57	2	25
5	21	24	2	23	5	21	22	2	23	5	21	20	2	23	5	21	19	2	23
5	49	32	2	23	5	49	30	2	23	5	49	28	2	23	5	49	26	2	23

0 8					0 9					0 10					0 11				
Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	44	2	23	5	59	42	2	23	5	59	39	2	23	5	59	37	2	23
0	27	50	2	24	0	27	48	2	24	0	27	47	2	24	0	27	46	2	24
0	56	16	2	26	0	56	15	2	26	0	56	14	2	26	0	56	13	2	26
1	25	9	2	28	1	25	9	2	29	1	25	9	2	29	1	25	9	2	29
1	54	36	2	31	1	54	37	2	31	1	54	39	2	31	1	54	40	2	31
2	24	32	2	33	2	24	34	2	33	2	24	36	2	33	2	24	38	2	33
2	54	44	2	34	2	54	47	2	34	2	54	49	2	34	2	54	51	2	34
3	24	56	2	33	3	24	58	2	32	3	25	0	2	32	3	25	2	2	32
3	54	47	2	30	3	54	48	2	30	3	54	49	2	30	3	54	50	2	30
4	24	8	2	27	4	24	8	2	27	4	24	8	2	27	4	24	8	2	27
4	52	56	2	25	4	52	55	2	25	4	52	53	2	25	4	52	51	2	25
5	21	17	2	23	5	21	15	2	23	5	21	13	2	23	5	21	11	2	23
5	49	24	2	23	5	49	22	2	23	5	49	19	2	23	5	49	17	2	23

0 12					0 13					0 14					0 15				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	34	2	23	5	59	32	2	23	5	59	29	2	23	5	59	27	2	23
0	27	44	2	24	0	27	43	2	24	0	27	41	2	24	0	27	40	2	34
0	56	12	2	26	0	56	11	2	26	0	56	11	2	26	0	56	10	2	26
1	25	10	2	29	1	25	10	2	29	1	25	10	2	29	1	25	11	2	29
1	54	42	2	32	1	54	43	2	32	1	54	45	2	32	1	54	46	2	32
2	24	40	2	33	2	24	42	2	33	2	24	45	2	33	2	24	47	2	33
2	54	53	2	34	2	54	56	2	34	2	54	58	2	34	2	55	0	2	33
3	25	4	2	32	3	25	5	2	32	3	25	7	2	32	3	25	9	2	32
3	54	51	2	30	3	54	52	2	30	3	54	58	2	30	3	54	53	2	30
4	24	7	2	27	4	24	7	2	27	4	24	7	2	27	4	24	6	2	27
4	52	50	2	25	4	52	48	2	25	4	52	47	2	24	4	52	45	2	24
5	21	9	2	23	5	21	7	2	23	5	21	5	2	23	5	21	3	2	23
5	49	15	2	23	5	49	13	2	23	5	49	10	2	23	5	49	8	2	23

o 16					o 17					o 18					o 19				
Locus ad					Locus ad					Locus ad					Locus ad				
⊙			ho.		⊙			ho.		⊙			ho.		⊙			ho	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	25	2	23	5	5	23	2	23	5	59	21	2	23	5	59	19	2	23
0	27	38	2	24	0	27	36	2	24	0	27	34	2	24	0	27	32	2	24
0	54	10	2	26	0	56	9	2	26	0	56	8	2	26	0	56	7	2	27
1	25	11	2	29	1	25	12	2	29	1	25	12	2	29	1	25	13	2	29
1	54	48	2	32	1	54	49	2	32	1	54	51	2	32	1	54	52	2	32
2	24	49	2	33	2	24	51	2	33	2	24	54	2	33	2	24	56	2	33
2	55	3	2	33	2	55	3	2	33	7	2	55	2	33	2	55	9	2	33
3	25	11	2	32	3	25	12	2	32	3	25	14	2	32	3	25	16	2	32
3	54	54	2	29	3	54	54	2	29	3	54	55	2	29	3	54	56	2	29
4	24	6	2	27	4	24	5	2	27	4	24	5	5	27	4	24	4	2	27
4	52	44	2	24	4	52	41	2	24	4	52	41	2	23	4	52	40	2	23
5	21	1	2	23	5	20	59	2	23	5	20	57	2	23	5	20	55	2	23
5	49	6	2	23	5	49	4	2	23	5	49	3	2	23	5	49	0	2	23

o 20					o 21					o 22					o 23				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	17	2	23	5	59	15	2	23	5	59	13	2	23	5	59	11	2	23
0	27	30	2	24	0	27	28	2	24	0	27	26	2	24	0	27	25	2	27
0	56	7	2	27	0	56	7	2	27	0	56	6	2	27	0	56	6	2	27
1	25	13	2	29	1	25	14	2	29	1	25	14	2	29	1	25	15	2	30
1	54	54	2	32	1	54	56	2	32	1	54	58	2	32	1	55	0	2	32
2	24	58	2	33	2	25	0	2	33	2	25	2	2	34	2	25	5	2	34
2	55	17	2	33	2	55	14	2	33	2	55	17	2	33	2	55	19	2	33
3	25	17	2	32	3	25	18	2	32	3	25	20	2	32	3	25	25	2	32
3	54	57	2	29	3	54	58	2	29	3	54	58	2	29	3	54	59	2	29
4	24	4	2	26	4	24	4	2	26	4	24	3	2	26	4	24	3	2	76
4	52	39	2	23	4	52	38	2	23	4	52	36	2	23	4	52	35	2	23
5	20	52	2	23	5	20	51	2	23	5	20	49	2	23	5	20	47	2	27
5	48	57	2	23	5	48	55	2	23	5	48	52	2	23	5	48	50	2	23

0 24					0 25					0 26					0 27				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	9	2	23	5	59	7	2	23	5	59	5	2	23	5	58	55	2	23
0	26	57	2	29	0	26	58	2	29	0	26	58	2	29	0	26	59	2	32
0	56	31	2	32	0	56	32	2	32	0	56	34	2	32	0	56	35	2	32
1	26	31	2	33	1	26	33	2	33	1	26	36	2	33	1	26	38	2	33
1	56	45	2	34	1	56	48	2	33	1	56	50	2	33	1	56	52	2	33
2	26	54	2	32	2	26	55	2	32	2	26	57	2	32	2	26	59	2	32
2	56	39	2	30	2	56	39	2	30	2	56	40	2	29	1	56	41	2	29
3	25	54	2	27	3	25	53	2	27	3	25	53	2	27	3	25	52	2	27
3	54	35	2	24	3	54	34	2	24	3	54	32	2	24	3	54	31	2	24
4	22	53	2	23	7	22	51	2	23	4	22	49	2	23	4	22	47	2	23
4	50	58	2	23	4	50	56	2	23	4	50	53	2	23	4	50	51	2	23
5	19	4	2	23	5	19	2	2	23	5	19	0	2	23	5	18	58	2	24
5	47	25	2	25	5	47	24	2	25	5	47	23	2	25	5	47	22	2	24

0 28					0 29					0 30					0 31				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	1	2	23	5	57	56	2	26	5	57	55	2	27	5	57	54	2	27
0	26	59	2	29	0	26	59	2	29	0	27	0	2	29	0	27	0	2	29
0	56	37	2	32	0	56	39	2	32	0	56	40	2	32	0	56	42	2	32
1	26	40	2	33	1	26	42	2	33	1	26	45	2	33	1	26	47	2	33
1	56	55	2	33	0	56	57	2	33	1	57	0	2	33	1	57	2	2	33
2	27	0	2	32	2	27	2	2	32	2	27	3	2	32	2	27	5	2	32
2	56	42	2	29	2	56	43	2	29	2	56	43	2	29	2	56	44	2	29
3	25	52	2	27	3	25	51	2	27	3	25	51	2	26	3	25	50	2	26
3	54	29	2	24	3	54	28	2	24	3	54	26	2	24	3	54	25	2	24
4	22	44	2	23	4	22	42	2	23	4	22	40	2	23	4	22	38	2	23
4	50	49	2	23	4	50	46	2	23	4	50	45	2	23	4	50	42	2	23
5	18	56	2	24	5	18	54	2	24	5	18	53	2	24	5	18	51	2	24
5	47	20	2	26	5	47	20	2	26	5	47	19	2	26	5	47	18	2	26

0 32					0 33					0 34					0 35			
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
5	58	53	2	23	5	58	51	2	23	5	58	50	2	23	5	58	48	2	23
0	27	14	2	25	0	27	13	2	25	0	27	12	2	25	0	27	11	2	25
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1	25	23	2	31	1	25	24	2	31	1	25	25	2	31	1	25	27	2	31
1	55	16	2	33	1	55	18	2	33	1	55	20	2	33	1	55	22	2	33
2	25	25	2	34	2	25	28	2	34	2	25	30	2	34	2	25	33	2	34
2	55	37	2	33	2	55	39	2	33	2	55	41	2	33	2	55	44	2	33
3	25	34	2	31	3	25	35	2	31	3	25	36	2	31	3	25	37	2	31
3	55	1	2	28	3	55	1	2	28	3	55	1	2	28	3	55	1	2	28
4	23	55	2	25	4	23	54	2	25	4	23	53	2	25	4	23	52	2	25
4	52	19	2	24	4	52	17	2	23	4	52	16	2	23	4	52	14	2	23
5	20	27	2	23	5	20	25	2	23	5	20	23	2	23	5	20	21	2	23
5	48	32	2	23	5	48	30	2	23	5	48	28	2	23	5	48	26	2	23

0 36					0 37					0 38					0 39				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
5	58	46	2	24	5	58	44	2	24	5	58	42	2	24	5	58	41	2	24
0	27	10	2	26	0	27	9	2	26	0	27	8	2	26	0	27	7	2	27
0	56	3	2	28	0	56	3	2	28	0	56	3	2	28	0	56	4	2	29
1	25	28	2	31	1	25	29	2	31	1	25	30	2	31	1	25	32	2	31
1	55	24	2	33	1	55	26	2	33	1	55	29	2	33	1	55	31	2	33
2	25	3	2	34	2	25	38	2	34	2	25	40	2	34	2	25	43	2	34
2	55	46	2	33	2	55	48	2	33	2	55	50	2	32	2	55	52	2	32
3	25	39	2	30	3	25	40	2	30	3	25	41	2	30	3	25	42	2	30
3	55	0	2	27	3	55	0	2	27	3	55	0	2	27	3	55	0	2	27
4	23	51	2	25	4	23	49	2	25	4	23	48	2	25	4	23	47	2	25
4	52	12	2	23	4	52	10	2	23	4	52	9	2	23	4	52	7	2	23
5	20	19	2	23	5	20	16	2	23	5	20	16	2	23	5	20	12	2	23
5	48	24	2	23	5	48	22	2	23	5	48	20	2	23	5	48	18	2	23

0 40					0 41					0 42					0 43				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	39	2	24	5	58	37	2	24	5	58	36	2	24	5	58	34	2	24
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0	56	4	2	29	0	56	4	2	29	0	56	4	2	29	0	56	5	2	29
1	25	33	2	31	1	25	34	2	31	1	25	36	2	32	1	25	37	2	32
1	55	33	2	33	1	55	35	2	33	1	55	37	2	33	1	55	39	2	33
2	25	45	2	34	2	25	47	2	34	2	25	49	2	34	2	25	52	2	34
2	55	54	2	32	2	55	56	2	32	2	55	58	2	32	2	56	0	2	32
3	25	44	2	30	3	25	45	2	30	2	25	46	2	30	3	25	47	2	30
3	55	0	2	27	3	55	0	2	27	3	57	49	2	27	3	54	59	2	27
4	23	46	2	25	4	23	45	2	25	4	23	44	2	25	4	23	42	2	24
4	52	5	2	23	4	52	3	2	23	4	52	1	2	23	4	51	59	2	23
5	20	10	2	23	4	52	3	32	23	4	52	1	2	23	5	20	2	4	23
5	48	16	2	23	5	48	14	-2	23	5	48	12	2	23	5	48	10	2	23

0 44					0 45					0 46					0 47				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	33	3	24	5	58	31	2	24	5	58	30	2	24	5	58	28	2	24
0	27	3	2	26	0	27	3	2	26	0	27	2	2	26	0	27	2	2	26
0	56	5	2	29	0	56	6	2	29	0	56	6	2	29	0	56	47	2	29
1	25	39	2	32	1	25	40	2	32	1	25	42	2	32	1	25	43	2	32
1	55	41	2	33	1	55	53	2	33	1	55	45	2	33	1	55	48	2	33
2	25	54	2	33	2	25	56	2	33	2	25	59	2	33	2	26	1	2	33
2	56	1	2	32	2	56	3	2	32	2	56	5	2	32	2	56	6	2	32
3	25	47	2	30	3	25	48	2	29	3	25	48	2	29	3	25	49	2	29
3	54	59	2	27	3	54	58	2	27	3	54	58	2	27	3	54	57	2	27
4	23	41	2	24	4	23	39	2	24	4	23	38	2	24	4	23	37	2	24
4	51	57	2	23	4	51	55	2	23	4	51	53	2	23	4	51	51	2	23
5	20	1	2	23	5	19	59	2	23	5	19	57	2	23	5	19	54	2	23
5	48	8	2	23	5	48	6	2	23	5	48	4	2	24	5	48	3	2	24

0 48					0 49					0 50					0 51				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	27	2	24	5	58	25	2	24	5	58	23	2	24	5	58	22	2	24
0	27	1	2	27	0	27	1	2	27	0	27	0	2	27	0	27	0	2	27
0	56	7	2	29	0	59	8	2	29	0	56	8	2	29	0	56	9	2	29
1	25	45	2	32	1	25	46	2	32	1	25	50	2	32	1	25	50	2	32
1	55	50	2	33	1	55	52	2	33	1	55	52	2	33	1	55	59	2	34
2	26	3	2	33	2	26	56	2	33	2	26	8	2	32	2	26	10	2	33
2	56	8	2	32	2	56	10	2	32	0	26	18	2	32	2	56	12	2	33
3	25	50	2	29	3	25	50	2	29	3	25	51	2	29	3	25	51	2	29
3	54	57	2	26	3	54	56	2	26	3	54	56	2	26	3	54	55	2	26
4	23	35	2	24	4	23	34	2	24	4	23	30	2	24	4	23	30	2	24
4	51	49	2	23	4	51	47	2	23	4	51	45	2	23	4	51	43	2	23
5	19	52	2	23	5	19	50	2	23	5	19	48	2	23	5	19	46	2	23
5	48	1	2	24	5	47	59	2	24	5	47	57	2	24	5	47	55	2	24

0 52					0 53					0 54					0 55				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	20	2	24	5	58	19	2	24	5	58	17	2	25	5	58	16	2	25
0	26	59	2	27	0	26	59	2	27	0	26	58	2	27	0	56	58	2	27
0	56	9	2	30	0	56	10	2	30	0	56	11	2	30	0	56	11	2	30
1	25	52	2	32	1	25	53	2	32	1	25	55	2	32	1	25	57	2	32
1	55	59	2	34	1	56	1	2	34	1	56	3	2	34	1	56	6	2	34
2	29	13	2	33	2	26	15	2	32	2	26	17	2	33	2	26	19	2	33
2	56	15	2	32	2	56	16	2	30	2	56	18	2	32	2	56	19	2	32
3	25	52	2	29	3	25	52	2	29	3	25	53	2	29	3	25	53	2	29
3	54	55	2	26	3	54	54	2	26	3	54	54	2	26	3	54	53	2	26
4	23	27	2	24	4	23	25	2	24	4	23	22	2	24	4	23	19	2	24
4	51	40	2	23	4	51	38	2	23	4	51	36	2	23	4	51	33	2	23
5	19	44	2	23	5	19	42	2	23	5	19	39	2	23	5	19	37	2	23
5	47	53	2	24	5	47	52	2	24	5	47	50	2	24	5	47	49	2	24

0 56					0 57					0 58					0 59				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	14	2	25	5	58	13	2	25	5	58	13	2	25	5	58	10	2	25
0	26	58	2	27	0	26	57	2	27	0	26	57	2	27	0	26	56	2	27
0	56	12	2	30	0	56	13	2	30	0	56	13	2	30	0	56	15	2	30
1	25	59	2	32	1	26	0	2	32	1	26	2	2	32	1	26	4	2	32
1	56	8	2	34	1	56	11	2	34	1	56	13	2	34	1	56	18	2	34
2	26	22	2	33	2	26	24	2	33	2	26	26	2	33	2	26	28	2	33
2	56	21	2	31	2	56	22	2	31	2	56	23	2	31	2	56	25	2	31
3	25	54	2	29	3	25	54	2	29	3	25	54	2	28	3	25	55	2	28
3	54	53	2	26	3	54	52	2	26	3	54	51	2	26	3	54	50	2	26
4	23	16	2	24	4	23	16	2	24	4	23	10	2	24	4	23	10	2	24
4	51	31	2	23	4	51	31	2	23	4	51	29	2	23	4	51	27	2	23
5	19	37	2	23	5	19	35	2	23	5	19	33	2	23	5	19	31	2	23
5	47	48	2	24	5	47	48	2	24	5	47	47	2	24	5	47	45	2	24

1 0					1 1					1 2					1 3				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	9	2	25	5	58	9	2	25	5	58	8	2	25	5	58	7	2	25
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1	26	6	2	33	1	26	8	2	33	1	26	10	2	34	1	26	12	2	33
1	56	18	2	34	1	56	20	2	34	1	56	22	2	34	1	56	25	2	34
2	26	30	2	33	2	26	33	2	33	2	26	34	2	33	2	26	36	2	33
2	56	26	2	31	2	56	27	2	31	2	56	29	2	31	2	56	30	2	31
3	25	55	2	28	3	25	55	2	28	3	25	55	2	28	3	25	55	2	28
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4	23	5	2	24	4	23	4	2	24	4	23	3	2	23	4	23	2	2	23
4	51	23	2	23	4	51	21	2	23	4	51	19	2	23	4	51	17	2	23
5	19	37	2	23	5	19	25	2	23	5	19	23	2	23	5	19	21	2	23
5	47	4	2	24	5	47	39	2	24	5	47	38	2	24	5	47	36	2	24

1	4				1	5				1	6				1	7			
Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	17	2	25	5	58	16	2	25	5	58	14	2	25	5	58	13	2	25
0	26	56	2	28	0	26	56	2	28	0	26	56	2	28	0	26	56	2	29
0	56	19	2	31	0	56	20	2	31	0	56	22	2	31	0	56	23	2	31
1	26	14	2	33	1	26	16	2	33	1	26	18	2	33	1	26	21	2	33
1	56	25	2	34	1	56	29	2	34	1	56	32	2	34	1	56	34	2	34
2	26	38	2	33	2	26	40	2	33	2	26	42	2	32	2	26	44	2	32
2	56	31	2	31	2	56	32	2	31	0	26	33	2	30	2	56	34	2	30
3	25	55	2	28	3	25	54	2	27	3	25	54	2	27	3	25	54	2	27
3	54	45	2	25	3	54	44	2	25	3	54	42	2	25	3	54	41	2	25
4	23	2	2	23	4	23	1	2	23	4	23	0	2	23	4	23	0	2	23
4	51	15	2	23	4	51	12	2	23	4	51	10	2	23	4	51	8	2	23
5	19	19	2	23	5	19	17	2	23	5	19	15	2	23	5	19	13	2	23
5	47	35	2	25	5	47	33	2	25	5	47	32	2	25	5	47	31	2	25

1	8				1	9				1	10				1	11			
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	10	2	25	5	58	9	2	25	5	58	9	2	25	5	58	8	2	25
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0	56	15	2	30	0	56	16	2	30	0	56	16	2	31	0	56	17	2	31
1	26	4	2	32	1	26	6	2	33	1	26	8	2	33	1	26	10	2	34
1	56	15	2	34	1	56	18	2	34	1	56	20	2	34	1	56	22	2	34
2	26	28	2	33	2	26	30	2	33	2	26	32	2	33	2	26	34	2	33
2	56	25	2	31	2	56	26	2	31	2	56	27	2	31	2	56	29	2	31
3	25	55	2	28	3	25	55	2	28	3	25	55	2	28	3	25	55	2	28
3	54	50	2	46	3	54	49	2	25	3	54	48	2	22	3	54	47	2	25
4	23	7	2	24	4	23	5	2	24	4	23	4	2	24	4	23	3	2	23
4	51	25	2	23	4	51	23	2	23	4	51	21	2	23	4	51	19	2	23
5	19	29	2	23	5	19	37	2	23	5	19	25	2	23	5	19	23	2	23
5	47	43	2	24	5	47	41	2	24	5	47	39	2	24	5	47	38	2	24

1 12					1 13					1 14					1 15				
Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	59	2	26	5	57	58	2	26	5	57	58	2	26	5	57	57	2	26
0	26	57	2	29	0	26	58	2	29	0	26	58	2	29	0	26	59	2	29
0	56	31	2	32	0	56	32	2	32	0	56	34	2	32	0	56	35	2	32
1	26	31	2	33	1	26	33	2	33	1	26	36	2	33	1	26	38	2	33
1	56	45	2	34	1	56	48	2	33	1	56	50	2	33	1	56	52	2	33
2	26	54	2	32	2	26	55	2	32	2	26	57	2	32	2	26	59	2	32
3	56	39	2	30	2	56	39	2	30	2	56	40	2	29	1	56	41	2	29
3	25	54	2	27	3	25	53	2	27	3	25	53	2	27	3	25	52	2	27
3	54	35	2	24	3	54	34	2	24	3	54	32	2	24	3	54	31	2	24
4	22	53	2	23	7	22	51	2	23	4	22	49	2	23	4	22	47	2	23
4	50	58	2	23	4	50	56	2	23	4	50	53	2	23	4	50	51	2	23
5	19	4	2	23	5	19	2	2	23	5	19	0	2	23	5	18	58	2	24
5	47	25	2	25	5	47	24	2	25	5	47	23	2	25	5	47	22	2	24

1 16					1 17					1 18					1 19				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	57	2	26	5	57	56	2	26	5	57	55	2	27	5	57	54	2	27
0	26	59	2	29	0	26	59	2	29	0	27	0	2	29	0	27	0	2	29
0	56	37	2	32	0	56	39	2	32	0	56	40	2	32	0	56	42	2	32
1	26	40	2	33	1	26	42	2	33	1	26	45	2	33	1	26	47	2	33
1	56	55	2	33	0	56	57	2	33	1	57	0	2	33	1	57	2	2	33
2	27	0	2	32	2	27	2	2	32	2	27	3	2	32	2	27	5	2	32
2	56	42	2	29	2	56	43	2	29	2	56	43	2	29	2	56	44	2	29
3	25	52	2	27	3	25	51	2	27	3	25	51	2	26	3	25	50	2	26
3	54	29	2	24	3	54	28	2	24	3	54	26	2	24	3	54	25	2	24
4	22	44	2	23	4	22	42	2	23	4	22	40	2	23	4	22	38	2	23
4	50	49	2	23	4	50	46	2	23	4	50	45	2	23	4	50	42	2	23
5	18	56	2	24	5	18	54	2	24	5	18	53	2	24	5	18	51	2	24
5	47	20	2	26	5	47	20	2	26	5	47	19	2	26	5	47	18	2	26

1 20					1 21					1 22					1 23				
Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	53	2	27	5	57	53	2	27	5	57	53	2	27	5	57	53	2	27
0	27	1	2	29	0	27	1	2	30	5	57	52	2	27	5	57	53	2	27
0	56	44	2	32	0	56	46	2	32	0	56	48	2	32	0	56	50	2	32
1	26	49	2	33	1	26	51	2	34	1	26	53	2	34	1	26	56	2	34
1	57	4	2	33	1	57	7	2	32	1	57	9	2	33	1	57	11	2	33
2	27	9	2	32	2	27	9	2	32	2	27	10	2	32	2	27	12	2	32
2	56	45	2	29	2	56	45	2	29	2	56	45	2	29	2	56	46	2	29
3	25	50	2	26	3	25	50	2	26	3	25	49	2	26	3	25	49	2	26
3	54	23	2	24	3	54	21	2	24	3	54	20	2	24	3	58	18	2	24
4	22	36	2	23	4	22	34	2	23	4	22	32	2	23	4	22	30	2	23
4	50	40	2	23	4	50	38	2	23	4	50	36	2	23	4	50	34	2	23
5	18	49	2	24	5	18	47	2	24	5	18	46	2	24	5	18	44	2	24
5	47	17	2	26	5	47	16	2	26	5	47	14	2	26	5	47	15	2	26

1 24					1 25					1 26					1 27				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	52	2	27	5	57	52	2	27	5	57	52	2	27	2	57	52	2	27
0	27	4	2	30	0	27	5	2	30	0	27	6	2	30	0	27	7	2	30
0	56	51	2	32	0	56	53	2	32	0	56	55	2	32	0	56	57	2	30
1	26	58	2	34	1	27	1	2	34	1	27	3	2	34	1	27	5	2	34
1	57	13	2	33	1	57	15	2	33	1	57	17	2	33	1	57	19	2	33
2	27	13	2	32	2	27	15	2	31	2	27	16	2	31	2	27	17	2	31
2	56	46	2	29	2	56	46	2	29	2	56	47	2	29	2	56	47	2	28
3	25	48	2	26	3	25	47	2	26	3	25	46	2	26	0	25	45	2	26
3	54	17	2	24	3	54	15	2	24	3	54	13	2	24	3	54	12	2	24
4	22	28	2	23	4	22	26	2	23	4	22	24	2	23	4	22	22	2	23
4	50	32	2	23	4	50	30	2	23	4	50	27	2	23	4	50	25	2	23
5	18	43	2	24	5	18	41	2	24	15	8	40	2	24	5	18	38	2	24
5	47	14	2	26	5	47	14	2	26	5	47	14	2	26	5	47	13	2	26

1 28					1 29					1 30					1 31				
Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	51	2	27	5	57	51	2	27	5	57	50	2	28	5	57	50	2	28
0	27	8	2	30	0	27	9	2	31	0	27	10	2	31	0	27	11	2	31
0	56	58	2	33	0	57	0	2	33	0	57	2	2	33	0	57	4	2	33
1	27	7	2	34	1	27	10	2	34	1	27	12	2	34	1	27	14	2	34
1	57	21	2	33	1	57	23	2	33	1	57	25	2	33	1	57	27	2	33
2	27	19	2	31	2	27	20	2	31	2	27	21	2	31	2	27	22	2	31
2	56	47	2	28	2	56	48	2	28	2	56	48	2	28	2	56	48	2	28
3	25	44	2	26	3	25	43	2	25	3	25	43	2	25	3	25	42	2	25
3	54	10	2	24	3	54	9	2	24	3	54	7	2	24	3	54	5	2	23
4	22	19	2	23	4	22	17	2	23	4	22	15	2	23	4	22	13	2	23
4	50	23	2	23	4	50	21	2	23	4	50	19	2	23	4	50	19	2	23
5	18	37	2	24	5	18	35	2	24	5	18	33	2	24	5	18	33	2	24
5	47	13	2	26	5	47	12	2	27	5	47	11	2	27	5	47	10	2	27

1 32					1 33					1 34					1 35				
S	g	m		2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	50	2	28	5	57	50	2	28	5	57	50	2	28	5	57	50	2	28
0	27	12	2	31	0	27	14	2	31	0	27	15	2	31	0	27	16	2	31
0	57	6	2	33	0	57	8	2	33	0	57	10	2	33	0	57	12	2	33
1	27	16	2	33	1	27	19	2	34	1	27	21	2	34	1	27	24	2	34
1	57	29	2	33	1	57	31	2	33	1	57	33	2	33	1	57	35	2	33
2	27	23	2	31	2	27	39	2	31	2	27	25	2	30	2	27	26	2	30
2	56	48	2	28	2	56	48	2	28	2	56	48	2	28	2	56	48	2	27
3	25	40	2	25	3	25	39	2	25	3	25	30	2	25	3	25	37	2	24
3	54	3	2	23	3	54	1	2	23	3	54	0	2	23	3	53	58	2	23
4	22	11	2	23	4	22	9	2	23	4	22	7	2	23	4	22	4	2	23
4	50	16	2	23	4	50	14	2	23	4	50	12	2	23	4	50	10	2	23
5	18	32	2	24	5	18	30	2	25	5	18	29	2	25	5	18	27	2	25
5	47	10	2	27	5	47	9	2	27	5	47	9	2	27	5	47	9	2	27

1 36					1 37					1 38					1 39				
Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho.					Locus ad ⊙ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	51	2	28	5	57	51	2	28	5	57	51	2	28	5	57	51	2	29
0	27	18	2	31	0	27	19	2	31	0	27	21	2	31	0	27	22	2	31
0	57	15	2	33	0	57	17	2	33	0	57	19	2	33	0	57	21	2	32
1	27	29	2	34	1	27	29	2	34	1	27	31	2	34	1	27	33	2	34
1	57	37	2	33	1	57	39	2	32	1	57	41	2	32	1	57	43	2	32
2	27	28	2	30	2	27	29	2	30	2	27	30	2	30	2	27	31	2	30
2	56	47	2	27	2	56	47	2	27	2	56	47	2	27	2	56	47	2	27
3	25	35	2	25	3	25	34	2	25	3	25	33	2	25	3	25	32	2	25
3	53	56	2	23	3	53	54	2	23	3	53	52	2	23	3	53	50	2	23
4	22	2	2	23	4	22	0	2	23	4	21	58	2	23	4	21	56	2	23
4	50	10	2	23	4	50	7	2	23	4	50	3	2	23	4	50	1	2	23
5	18	26	2	25	5	18	26	2	25	5	18	23	2	25	5	18	21	2	25
5	47	8	2	27	5	47	8	2	27	5	47	7	2	27	5	47	7	2	27

1 40					1 41					1 42					1 43				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	51	2	29	5	57	52	2	29	5	57	52	2	29	2	57	53	2	29
0	27	23	2	32	0	27	32	2	32	0	27	26	2	32	0	27	7	2	32
0	57	23	2	33	0	57	25	2	33	0	57	27	2	33	0	57	29	2	33
1	27	36	2	34	1	27	28	2	34	1	27	40	2	34	1	27	42	2	33
1	57	45	2	32	1	57	47	2	32	1	57	48	2	32	1	57	50	2	32
2	27	32	2	30	2	27	33	2	30	2	27	24	2	30	2	27	35	2	29
2	56	47	2	27	2	56	47	2	27	2	56	46	2	27	2	56	46	2	27
3	25	31	2	25	3	25	30	2	24	3	25	28	2	24	3	25	27	2	24
3	53	48	2	23	3	53	46	2	23	3	53	44	2	23	3	53	52	2	23
4	21	54	2	23	4	21	52	2	23	4	21	50	2	23	4	21	48	2	23
4	49	59	2	23	4	49	57	2	23	4	49	55	2	23	4	49	53	2	23
5	18	19	2	25	5	18	18	2	25	5	18	17	2	25	5	18	16	2	25
5	47	7	2	28	5	47	7	2	28	5	47	7	2	28	5	47	7	2	28

1 44					1 45					1 46					1 47				
Locus ad					Locus ad					Locus ad					Locus ad				
☉			ho.		☉			ho.		☉			ho.		☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	53	2	29	5	57	54	2	29	5	57	54	2	29	5	57	55	2	29
0	27	29	2	32	0	27	30	2	32	0	27	32	2	32	0	27	33	2	32
0	57	32	2	33	0	57	34	2	33	0	57	36	2	33	0	57	38	2	33
1	27	45	2	33	1	27	47	2	33	1	27	50	2	33	1	27	52	2	33
1	57	51	2	32	1	57	53	2	32	1	57	55	2	32	1	57	57	2	32
2	27	35	2	29	2	27	36	2	29	2	27	37	2	29	2	27	37	2	29
2	56	45	2	27	2	56	45	2	27	2	56	44	2	27	2	56	44	2	26
3	25	25	2	24	3	25	24	2	24	3	25	22	2	24	3	25	21	2	24
3	53	40	2	23	3	53	38	2	23	3	53	36	2	23	3	53	34	2	23
4	21	45	2	23	4	21	43	2	23	4	21	41	2	23	4	21	39	2	23
4	49	51	2	24	4	49	50	2	24	4	49	48	2	24	4	49	46	2	24
5	18	15	2	25	5	18	14	2	26	5	18	13	2	26	5	18	12	2	26
5	47	7	2	28	5	47	7	2	28	5	47	8	2	28	5	47	8	2	29

1 48					1 49					1 50					1 51				
S	g	m		2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	55	2	29	5	57	56	2	29	5	57	56	2	29	5	57	56	2	29
0	27	35	2	32	0	27	36	2	32	0	27	38	2	32	0	27	40	2	32
0	57	41	2	33	0	57	43	2	33	0	57	45	2	34	0	57	47	2	34
1	27	54	2	33	1	27	57	2	33	2	27	59	2	33	1	28	1	2	33
1	57	58	2	32	1	58	0	2	32	1	58	2	2	32	1	58	2	4	32
2	27	38	2	29	2	27	38	2	29	2	27	39	2	29	2	27	39	2	29
2	56	43	2	26	2	56	43	2	26	2	56	42	2	26	2	56	42	2	26
3	25	19	2	24	3	25	18	2	24	3	25	16	2	24	3	25	14	2	24
3	53	32	2	23	3	53	30	2	23	3	53	28	2	23	3	53	26	2	23
4	21	36	2	23	4	21	34	2	23	4	21	32	2	23	4	21	30	2	23
4	49	45	2	24	4	49	42	2	24	4	49	4h	2	24	4	49	39	2	24
5	18	11	2	26	5	18	10	2	26	5	18	9	2	26	5	18	8	2	26
5	47	8	2	29	5	47	8	2	29	5	47	8	2	29	5	47	8	2	29

1 52					1 53					1 54					1 55				
Locus ad					Locus ad					Locus ad					Locus aa				
☉			ho.		☉			ho.		☉			ho.		☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	57	57	2	29	5	57	58	2	30	5	57	59	2	30	5	58	0	2	30
0	27	41	2	32	0	27	43	2	32	0	27	45	2	32	0	27	44	2	32
0	57	49	2	34	0	57	52	2	34	0	57	54	2	34	0	58	57	2	34
1	28	3	2	33	1	28	6	2	33	1	28	8	2	33	1	28	10	2	33
1	58	5	3	32	1	58	7	2	32	1	58	8	2	31	1	58	10	2	31
2	27	39	2	29	2	27	40	2	29	2	27	40	2	29	2	27	40	2	29
2	56	41	2	26	2	56	41	2	26	2	56	40	2	26	2	56	39	2	26
3	25	12	2	24	3	25	11	2	24	3	25	9	2	24	3	25	7	2	25
3	53	24	2	23	5	53	21	2	23	3	53	19	2	23	3	53	17	2	23
4	21	28	2	23	4	21	25	2	23	4	21	23	2	23	4	21	21	2	23
4	49	38	2	24	4	49	30	2	24	4	49	24	2	24	4	49	33	2	24
5	18	8	2	26	5	18	7	2	26	5	18	6	2	26	5	18	6	2	26
5	47	9	2	29	5	47	9	2	29	5	47	9	2	29	5	47	10	2	29

1 56					1 57					1 58					1 59				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	1	2	30	5	58	2	2	30	5	58	3	2	30	5	58	4	2	30
0	27	49	2	32	0	27	51	2	33	0	27	53	2	33	0	27	55	2	33
0	58	59	2	34	0	58	2	2	34	0	58	4	2	34	0	58	7	2	34
1	28	12	2	33	1	28	14	2	33	1	28	16	2	32	1	28	18	2	33
1	58	11	2	31	1	58	12	2	31	1	58	14	2	31	1	58	15	2	31
2	27	41	2	28	2	27	41	2	28	2	27	41	2	28	2	27	42	2	28
2	56	39	2	26	2	56	38	2	26	2	56	37	2	25	2	56	36	2	25
3	2	56	2	24	3	25	4	2	24	3	25	2	2	24	3	25	1	2	24
3	53	14	5	23	3	53	12	2	23	3	53	10	2	20	3	53	8	2	23
4	21	19	2	23	4	21	17	2	23	4	21	15	2	23	4	21	15	2	23
4	49	31	2	24	4	49	29	2	24	4	49	27	2	24	4	49	26	2	24
5	18	5	2	26	5	18	5	2	76	5	18	4	2	27	5	18	4	2	27
5	47	10	2	29	5	47	11	2	30	5	47	11	2	29	5	47	12	2	29

20					21					22					23				
Locus ad ☉			ho.		Locus ad ☉			ho.		Locus ad ☉			ho.		Locus ad ☉			ho	
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
5	58	5	2	30	5	58	6	2	31	5	58	5	2	31	5	58	8	2	31
0	27	57	2	33	0	27	59	2	33	0	28	1	2	33	0	28	3	2	33
0	58	9	2	34	0	28	11	2	34	0	58	13	2	34	0	58	16	2	34
1	28	20	2	33	1	28	22	2	33	1	28	24	2	33	1	28	26	2	30
1	58	17	2	31	1	58	18	2	31	1	58	19	2	31	1	58	20	2	31
2	27	42	2	28	2	27	42	2	28	2	27	42	2	28	2	27	42	2	27
2	56	25	2	25	2	56	34	2	25	2	56	33	2	25	2	56	31	2	25
3	24	59	2	23	3	24	57	2	23	3	24	56	2	23	3	24	54	2	23
3	53	6	2	23	3	53	4	2	23	3	53	2	2	23	3	53	0	2	23
4	21	11	2	23	4	21	9	2	23	4	21	7	2	23	4	21	7	2	23
4	49	25	2	24	4	49	23	2	24	4	49	22	2	24	4	49	21	2	25
5	18	3	2	27	5	18	3	2	27	5	18	3	2	27	5	18	3	2	27
5	47	12	2	29	5	47	13	2	30	5	47	13	2	30	5	47	14	2	30

24					25					26					27				
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
5	58	10	2	31	5	58	11	2	31	5	58	12	2	31	5	58	14	2	31
0	28	5	2	33	0	28	7	2	33	0	28	10	2	33	0	28	12	2	33
0	58	18	2	34	0	58	20	2	34	0	58	23	2	34	0	58	25	2	34
1	28	28	2	33	1	28	30	2	33	1	28	32	2	32	1	28	34	2	32
1	58	21	2	30	1	58	23	2	30	1	58	23	2	30	1	58	24	2	30
2	27	41	2	27	2	27	41	2	27	2	27	41	2	27	2	27	41	2	27
2	56	3	2	25	2	56	29	2	25	2	56	28	2	25	2	56	26	2	25
3	24	52	2	23	3	24	50	2	23	3	24	48	2	23	3	24	46	2	23
3	52	57	2	23	3	52	55	2	23	3	52	52	2	23	3	52	51	2	23
4	21	3	2	23	4	21	1	2	23	4	20	59	2	23	4	20	57	2	23
4	49	19	2	25	4	49	18	2	25	4	49	17	2	25	4	49	16	2	25
5	18	2	2	27	5	18	2	2	27	5	18	2	2	27	5	18	1	2	27
5	47	15	2	30	5	47	16	2	30	5	47	17	2	30	5	47	18	2	30

2	8				2	9				2	10				2	11			
Locus	ad				Locus	ad				Locus	ad				Locus	ad			
☉			ho.		☉			ho.		☉			ho.		☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	15	2	31	5	58	16	2	31	5	58	18	2	31	5	58	19	2	32
0	28	14	2	33	0	28	16	2	33	0	28	18	2	33	0	28	20	2	33
0	58	28	2	34	0	58	30	2	34	0	58	32	2	34	0	58	34	2	34
1	28	36	2	32	1	28	38	2	32	1	28	40	2	32	1	28	42	2	31
1	58	35	2	30	1	58	36	2	30	1	58	27	2	30	1	58	28	2	30
2	27	40	2	27	2	27	40	2	27	2	27	40	2	27	2	27	40	2	27
2	56	25	2	25	2	56	24	2	25	2	56	23	2	24	2	56	22	2	24
3	52	49	2	23	3	52	47	2	23	3	52	45	2	23	3	52	43	2	23
3	24	44	2	23	3	24	42	2	23	3	24	40	2	23	3	24	38	2	23
4	20	55	2	23	4	20	53	2	23	4	20	51	2	23	4	20	49	2	23
4	49	14	2	25	4	49	13	2	25	4	49	12	2	25	4	49	11	2	25
5	18	1	2	27	5	18	0	2	28	5	18	0	2	28	5	18	0	2	28
5	47	19	2	30	5	47	20	2	30	5	47	21	2	31	5	47	22	2	31

2	12				2	13				2	14				2	15			
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	21	2	32	5	58	23	2	32	5	58	24	2	32	5	58	26	2	32
0	28	23	2	33	0	28	25	2	33	0	28	28	2	33	0	28	30	2	33
0	58	37	2	33	0	58	39	2	33	0	58	42	2	33	0	58	44	2	33
1	28	44	2	32	1	28	45	2	32	1	28	47	2	32	1	28	48	2	32
1	58	29	2	29	1	58	29	2	29	1	58	30	2	29	1	58	30	2	29
2	27	39	2	27	2	27	39	2	27	2	27	38	2	27	2	27	38	2	27
2	56	20	2	24	2	56	18	2	24	2	56	17	2	24	2	56	15	2	24
3	24	36	2	23	3	24	34	2	23	3	24	32	2	23	3	24	30	2	23
3	52	41	2	23	3	52	39	2	23	3	52	36	2	23	3	52	34	2	23
4	20	47	3	23	4	20	46	2	24	4	20	44	2	24	4	20	43	2	24
4	49	10	2	25	4	49	9	2	25	4	49	8	2	26	4	49	7	2	26
5	18	0	2	28	5	18	0	2	28	5	18	0	2	28	5	18	0	2	28
5	47	23	2	31	5	47	24	2	31	5	47	26	2	31	5	47	27	2	31

2 16					2 17					2 18					2 19				
Locus ad ☉			ho.		Locus ad ☉			ho.		Locus ad ☉			ho.		Locus ad ☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	27	2	32	5	58	29	2	32	5	58	30	2	32	5	58	32	2	32
0	28	32	2	33	0	28	34	2	33	0	28	36	2	33	0	28	38	2	34
0	58	46	2	33	0	58	49	2	33	0	58	51	2	33	0	58	53	2	33
1	28	50	2	32	1	28	52	2	32	1	28	52	2	32	1	28	55	2	32
1	58	31	2	29	1	58	31	2	29	1	58	32	2	29	1	58	32	2	29
2	27	38	2	26	2	27	37	2	26	2	27	37	2	26	2	27	36	2	26
2	56	14	2	24	2	56	12	2	24	2	56	11	2	24	2	56	9	2	24
3	24	28	2	23	3	24	26	2	23	3	24	24	2	23	3	24	22	2	23
3	52	32	2	23	3	52	20	2	23	3	52	27	2	23	3	52	25	2	23
4	20	41	2	24	4	20	39	2	24	4	20	38	2	24	4	20	33	2	24
4	49	6	2	26	4	49	5	2	26	4	49	4	2	29	4	49	3	2	26
5	18	0	2	29	5	18	0	2	29	5	18	1	2	29	5	18	1	2	29
5	47	28	2	31	5	47	29	2	31	5	47	30	2	31	5	47	33	2	31

2 20					2 21					2 22					2 23				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	34	2	32	5	58	36	2	32	5	58	37	2	32	5	58	39	2	32
0	28	40	2	34	0	28	42	2	34	0	28	44	2	34	0	28	47	2	34
0	58	55	2	33	0	58	58	2	33	0	58	59	2	33	0	59	1	2	33
1	28	57	2	32	1	28	59	2	32	1	29	0	2	32	1	29	2	2	32
1	58	33	2	29	1	58	33	2	29	1	58	33	2	29	1	58	34	2	29
2	27	36	2	26	2	27	35	2	26	2	27	35	2	26	2	27	34	2	26
2	56	8	2	24	2	56	7	2	24	2	56	5	2	24	2	56	3	2	24
3	24	20	2	23	3	24	18	2	23	3	24	16	2	23	3	24	14	2	23
3	52	23	2	23	3	52	21	2	23	3	52	19	2	23	3	52	17	2	23
4	20	34	2	24	4	20	32	2	24	4	20	30	2	24	4	20	29	2	24
4	49	3	2	26	4	49	3	2	26	4	49	2	2	26	4	49	2	2	26
5	18	1	2	29	5	18	1	2	29	5	18	2	2	29	5	18	2	2	29
5	47	34	2	32	5	47	35	2	32	5	47	37	2	32	5	47	38	2	32

2 24					2 25					2 26					2 27				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
5	58	41	2	32	5	58	42	2	32	5	58	44	2	32	5	58	47	2	33
0	28	49	2	34	0	28	52	2	34	0	28	54	2	34	0	28	57	2	34
0	59	3	2	33	0	59	5	2	33	c	59	7	2	33	0	59	9	2	33
1	29	3	2	31	1	29	5	2	32	1	29	6	2	31	1	29	7	2	31
1	58	34	2	29	1	58	34	2	29	1	58	35	2	28	1	58	35	2	28
2	27	33	2	26	2	27	32	2	26	2	27	32	2	26	2	27	31	2	25
2	56	2	2	24	2	56	1	2	24	2	55	59	2	24	2	55	57	2	24
3	24	11	2	23	4	23	9	2	23	3	24	7	2	23	3	24	4	2	2[illegible]
3	52	14	2	23	3	52	12	2	23	3	52	10	2	23	3	52	8	2	23
4	20	27	2	24	4	20	26	2	24	4	20	24	2	24	4	20	23	2	24
4	49	1	2	26	4	49	1	2	26	4	49	0	2	27	4	49	0	2	27
5	18	3	2	29	5	18	3	2	29	5	18	4	2	29	5	18	4	2	29
5	47	40	2	32	5	47	41	2	32	5	47	43	2	32	5	47	44	2	32

2 28					2 29					2 30					2 31				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
5	58	49	2	33	5	58	51	2	33	5	58	53	2	33	5	58	55	2	33
0	28	59	2	34	0	29	2	2	34	0	29	4	2	34	0	29	6	2	34
0	59	11	2	33	0	59	13	2	33	0	59	16	2	33	0	59	18	2	33
1	29	9	2	31	1	29	10	2	31	1	29	11	2	31	1	29	12	2	31
1	58	35	2	28	1	58	36	2	28	1	58	36	2	28	1	58	36	2	28
2	27	30	2	25	2	27	29	2	25	2	27	28	2	25	2	27	27	2	25
2	55	55	2	24	2	55	53	2	23	2	55	51	2	23	2	55	50	2	23
3	24	2	2	23	3	24	0	2	23	3	23	58	2	23	3	23	56	2	32
3	52	6	2	23	3	52	4	2	23	3	52	2	2	23	3	52	0	2	23
4	48	59	2	27	4	48	58	2	27	4	48	57	2	27	4	48	57	2	27
4	20	21	2	24	4	20	19	2	24	4	20	18	2	24	4	20	16	2	25
5	18	5	2	29	5	18	5	2	29	5	18	6	2	30	5	18	6	2	30
5	47	45	2	32	5	47	47	2	32	5	47	49	2	32	5	47	51	2	32

2 32					2 33					2 34					2 35				
Locus ad ⊙			ho.		Locus ad ⊙			ho.		Locus ad ⊙			ho.		Locus ad ⊙			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	58	57	2	33	5	58	59	2	33	5	59	1	2	33	5	59	5	2	33
0	29	9	2	34	0	29	11	2	34	0	29	13	2	34	0	29	16	2	34
0	59	20	2	33	0	59	22	2	33	0	59	24	2	33	0	59	26	2	32
1	29	13	2	31	1	29	14	2	30	1	29	15	2	30	1	29	16	2	30
1	58	36	2	27	1	58	35	2	27	1	58	35	2	27	1	58	35	2	27
2	27	26	2	25	2	27	25	2	25	2	27	23	2	25	2	27	22	2	25
2	55	48	2	23	2	55	46	2	23	2	55	44	2	23	2	55	42	2	23
3	23	54	2	23	3	23	52	2	23	3	23	50	2	23	3	23	50	2	23
3	51	58	2	23	3	51	56	2	23	3	51	54	2	23	3	51	52	2	23
4	20	15	2	25	4	20	14	2	25	4	20	12	2	25	4	20	11	2	23
4	48	57	2	27	4	48	56	2	27	4	48	56	2	27	4	48	56	2	27
5	18	7	2	30	5	18	8	2	30	5	18	9	2	30	5	18	10	2	30
5	47	33	2	32	5	47	55	2	32	5	47	57	2	32	5	47	59	2	32

2 36					2 37					2 38					2 39				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	5	2	33	5	59	7	2	33	5	59	10	2	33	5	59	12	2	33
0	29	18	2	34	0	29	21	2	34	0	29	23	2	34	0	29	25	2	34
0	59	28	2	32	0	59	30	2	32	0	59	32	2	33	0	59	34	2	32
1	29	17	2	30	1	29	18	2	30	1	29	19	2	30	1	29	20	2	30
1	58	35	2	27	1	58	35	2	27	1	58	34	2	27	1	58	34	2	27
2	27	21	2	25	2	27	20	2	25	2	27	18	2	25	2	27	17	2	24
2	55	40	2	23	2	55	38	2	23	2	55	36	2	23	2	55	34	2	23
3	23	46	2	23	3	32	43	2	23	3	23	41	2	23	3	23	39	2	23
3	51	50	2	23	3	53	47	2	23	3	51	45	2	23	3	51	44	2	23
4	20	9	2	25	4	20	8	2	25	4	20	7	2	25	4	20	6	2	25
4	48	55	2	27	4	48	55	2	27	4	48	55	2	27	4	48	34	2	28
5	18	11	2	30	5	18	12	2	30	5	18	13	2	30	5	18	14	2	30
5	48	1	2	32	5	48	3	2	32	5	48	5	2	33	5	48	7	2	33

2 40					2 41					2 42					2 43				
Locus ad					Locus ad					Locus ad					Locus ad				
⊙ ho.					⊙ ho.					⊙ ho.					⊙ ho				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	14	2	33	5	59	16	2	33	5	59	19	2	33	5	59	21	2	33
0	29	28	2	33	0	29	30	2	33	0	29	33	2	33	0	29	35	2	33
0	59	36	2	32	0	59	38	2	32	0	59	39	2	32	0	59	41	2	32
1	29	21	2	30	1	29	23	2	30	1	79	22	2	29	1	29	23	2	39
1	58	34	2	27	1	58	33	2	27	1	58	33	2	27	1	58	52	2	27
2	27	16	2	24	2	27	14	2	24	2	27	13	2	24	2	27	11	2	24
2	55	32	2	23	2	55	30	2	23	2	55	28	2	23	2	55	26	2	23
3	23	37	2	23	3	23	35	2	23	3	23	33	2	23	3	23	31	2	23
3	51	43	2	23	3	51	41	2	23	3	51	39	2	24	3	51	38	2	24
4	20	5	2	25	4	20	4	2	25	4	20	3	2	25	4	20	2	2	26
4	48	54	2	28	4	48	54	2	28	4	48	54	2	28	4	48	54	2	28
5	18	15	2	31	5	18	16	2	31	5	18	17	2	31	5	18	19	2	31
5	48	9	2	33	5	48	11	2	33	5	48	13	2	33	5	48	15	2	33

2 44					2 45					2 46					2 47				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	23	2	33	5	59	26	2	33	5	59	30	2	33	5	59	30	2	33
0	29	37	2	33	0	29	39	2	33	0	29	42	2	33	0	29	44	2	33
0	56	49	2	32	0	59	43	2	32	0	59	44	2	32	0	59	46	2	32
1	29	23	2	29	1	29	24	2	29	1	29	24	2	29	1	29	25	2	29
1	58	32	2	27	1	58	31	2	26	1	58	31	2	26	1	58	30	2	26
2	27	10	2	24	2	27	8	2	24	2	27	7	2	24	2	27	5	2	24
2	55	24	2	23	2	55	22	2	23	2	55	20	2	23	2	55	17	2	23
3	23	29	2	23	3	23	27	2	23	3	23	25	2	23	3	23	23	2	23
3	51	36	2	24	3	51	34	2	24	3	51	33	2	24	3	51	31	2	24
4	20	1	2	26	4	20	0	2	26	4	19	59	2	26	4	19	58	2	26
4	48	55	2	28	4	48	55	2	29	4	48	55	2	29	4	48	56	2	29
5	18	20	2	51	5	18	21	2	31	5	18	23	2	31	5	18	22	2	31
5	48	17	2	33	5	48	19	2	33	5	48	21	2	33	5	48	242		33

2 48					2 49					2 50					2 51				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	32	2	33	5	59	34	2	34	5	59	36	2	34	5	59	38	2	34
0	29	46	2	33	0	29	48	2	33	0	29	50	2	33	0	29	52	2	33
0	59	48	2	32	0	59	50	2	32	0	59	52	2	32	0	59	54	2	32
1	29	26	2	29	1	29	26	2	29	1	29	27	2	29	1	29	22	2	29
1	58	30	2	26	1	58	29	2	26	1	58	29	2	26	1	58	29	2	26
2	27	4	2	24	2	27	2	2	24	2	27	0	2	24	2	27	13	2	24
2	55	15	2	23	2	55	13	2	23	2	55	11	2	23	2	55	28	2	23
3	23	21	2	23	3	23	19	2	23	3	23	16	2	23	3	23	14	2	23
3	51	29	2	24	3	51	27	2	24	3	51	25	2	24	3	51	24	2	24
4	19	58	2	26	4	19	57	2	26	4	19	56	2	26	4	19	55	2	16
4	48	56	2	29	4	48	56	2	29	4	48	56	2	29	4	48	55	2	29
5	18	25	2	31	5	18	27	2	32	5	18	28	2	32	5	18	30	2	32
5	48	26	2	33	5	48	28	2	33	5	48	30	2	33	5	48	32	2	33

2 52					2 53					2 54					2 55				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	41	2	34	5	59	43	2	24	5	59	45	2	34	5	59	48	2	34
0	29	54	2	33	0	29	56	2	33	0	29	59	2	33	0	30	1	2	33
0	59	55	2	32	0	59	57	2	31	0	59	59	2	31	1	0	0	2	31
1	29	27	2	29	1	29	27	2	27	1	29	28	2	29	1	29	28	2	28
1	58	28	2	26	1	58	27	2	26	1	58	26	2	26	1	58	26	2	26
2	26	56	2	24	2	26	55	2	24	2	26	53	2	24	2	26	51	2	24
2	55	7	2	23	2	55	5	2	23	2	55	2	2	23	2	55	0	2	23
3	23	11	2	23	3	23	9	2	23	3	23	6	2	23	3	23	4	2	23
3	51	22	2	24	3	51	21	2	24	3	51	19	2	24	3	51	8	2	24
4	19	55	2	26	4	19	54	2	26	4	19	53	2	26	4	19	53	2	27
4	48	56	2	29	4	48	56	2	29	4	48	57	2	29	4	48	57	2	29
5	18	31	2	32	5	18	33	2	32	5	18	34	2	32	5	18	36	2	32
5	48	34	2	33	5	48	36	2	33	5	48	39	2	33	5	48	41	2	33

2 56					2 57					2 58					2 59				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
5	59	50	2	34	5	59	53	2	34	5	59	55	2	34	5	59	57	2	34
0	30	3	2	33	0	30	5	2	33	0	30	7	2	33	0	30	9	2	33
1	0	2	2	31	1	0	3	2	31	1	0	4	2	31	1	0	5	2	31
1	29	28	2	28	1	29	28	2	28	1	29	29	2	28	1	29	29	2	28
1	58	25	2	25	1	58	24	2	25	1	58	23	2	25	1	58	22	2	25
2	26	50	2	24	2	26	48	2	24	2	26	47	2	23	2	26	45	2	23
2	54	48	2	23	2	54	55	2	23	2	54	53	2	23	2	54	51	2	23
3	23	2	2	23	3	23	0	2	23	3	22	58	2	23	3	22	56	2	23
3	51	16	2	24	3	51	15	2	24	3	51	13	2	24	3	51	11	2	24
4	19	52	2	27	4	19	52	2	27	4	19	51	2	27	4	19	51	2	27
4	48	58	2	29	4	48	58	2	29	4	48	59	2	29	4	49	0	2	30
5	18	37	2	32	5	18	39	2	32	5	18	41	2	32	5	18	42	2	32
5	48	43	2	33	5	48	45	2	33	5	48	48	2	33	5	48	50	2	34

3 0					3 1					3 2					3 3				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	0	2	34	0	0	1	2	34	0	0	5	2	34	0	0	7	2	34
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1	0	6	2	31	1	0	7	2	31	1	0	8	2	30	1	0	9	2	30
1	29	29	2	28	1	29	29	2	28	1	29	29	2	27	1	29	29	2	27
1	58	21	2	25	1	58	20	2	25	1	58	18	2	25	1	58	17	2	25
2	26	43	2	23	2	26	41	2	23	2	26	39	2	23	2	26	37	2	23
2	54	49	2	23	2	54	47	2	23	2	54	45	2	23	2	54	43	2	23
3	22	54	2	23	3	22	52	2	23	3	22	50	2	23	3	22	48	2	23
3	51	10	2	25	3	51	9	2	25	3	51	7	2	25	3	51	6	2	25
4	19	50	2	27	4	19	50	2	27	4	19	50	2	27	4	19	50	2	27
4	49	1	2	30	4	49	2	2	30	4	49	3	2	30	4	49	3	2	30
5	18	44	2	32	5	18	46	2	32	5	18	48	2	32	5	18	50	2	32
5	48	52	2	34	5	48	54	2	34	5	48	56	2	34	5	48	59	2	34

3 4					3 5					3 6					3 7				
Locus ad. ☉ ho.					Locus ad ☉ ho					Locus ad ☉ ho.					Locus' ad ☉ ho.				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	0	10	2	34	0	0	12	2	34	0	0	15	2	34	0	0	17	2	34
0	30	19	2	32	0	30	21	2	32	0	30	23	2	32	0	30	25	2	32
1	0	10	2	30	1	0	11	2	30	1	0	12	2	30	1	0	13	2	30
1	29	28	2	27	1	29	28	2	27	1	29	28	2	27	1	29	28	2	27
1	58	16	2	25	1	58	14	2	25	1	58	13	2	25	1	58	12	2	25
2	26	36	2	23	2	26	34	2	23	2	26	32	2	23	2	26	30	2	23
2	54	41	2	23	2	54	39	2	23	2	54	16	2	23	2	54	34	2	23
3	22	46	2	23	3	22	44	2	23	3	22	42	2	23	3	22	40	2	23
3	51	5	2	25	3	51	42	2	25	3	51	2	2	25	3	51	1	2	25
4	19	50	2	27	4	19	49	2	27	4	19	49	2	27	4	19	49	2	28
4	49	4	2	30	4	49	5	2	30	4	49	6	2	30	4	49	7	2	30
5	18	52	2	32	5	18	53	2	32	5	18	55	2	32	5	18	57	2	32
5	49	1	2	34	5	49	3	2	34	5	49	6	2	34	5	49	6	2	34

3 8					3 9					3 10					3 11				
S	g̃ 2	m̃	m̃		S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	0	20	2	34	0	0	20	2	34	0	0	24	2	34	0	0	26	2	34
0	30	27	2	32	0	30	27	2	32	0	30	30	2	32	0	30	32	2	32
1	0	14	2	30	1	0	14	2	30	1	0	16	2	30	1	0	17	2	29
1	29	27	2	27	1	29	27	2	27	1	29	27	2	27	1	29	26	2	27
1	58	10	2	25	5	58	10	2	24	1	58	8	2	24	1	58	7	2	24
2	26	28	2	23	2	26	28	2	23	2	26	24	2	23	2	26	26	2	23
2	54	32	2	23	2	54	32	2	23	2	54	28	2	23	2	54	28	2	23
3	22	39	2	23	3	22	39	2	23	3	22	35	2	23	3	22	33	2	24
3	51	0	2	25	3	51	0	2	25	3	50	58	2	25	3	50	57	2	25
4	19	49	2	28	4	19	49	2	28	4	19	48	2	28	4	19	48	2	28
4	49	8	2	31	4	49	10	2	31	4	49	8	2	31	4	19	11	2	31
5	18	59	2	33	5	18	59	2	33	5	19	3	2	33	5	19	5	2	33
5	49	10	2	34	5	49	10	2	34	5	49	15	2	34	5	49	17	2	34

3	12				3	13				3	14				3	15			
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	0	28	2	33	0	0	31	2	33	0	0	33	2	33	0	0	35	2	33
0	30	34	2	32	0	30	35	2	32	0	30	37	2	32	0	30	39	2	32
1	0	17	2	29	1	0	18	2	29	1	0	18	2	29	1	0	19	2	29
1	29	26	2	27	1	29	25	2	27	1	29	25	2	27	1	29	24	2	26
1	58	5	2	24	1	58	4	2	24	1	58	2	2	24	1	58	1	2	24
2	26	20	2	23	2	26	18	2	23	2	26	16	2	23	2	26	14	2	23
2	54	24	2	23	2	54	22	2	23	2	54	20	2	23	2	54	18	2	23
3	22	31	2	24	3	22	29	2	24	3	22	28	2	24	3	22	26	2	24
3	50	56	2	26	3	50	55	2	26	3	50	54	2	26	3	50	53	2	26
4	19	48	2	28	4	19	49	2	28	4	19	49	2	29	4	19	49	2	29
4	49	12	2	31	4	49	14	2	31	4	49	15	2	31	4	49	16	2	31
5	19	7	2	33	5	19	9	2	33	5	19	11	2	33	5	19	13	2	33
5	49	19	2	34	5	49	22	2	34	5	49	24	2	34	5	49	26	2	34

3	16				3	17				3	18				3	19			
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	0	37	2	33	0	0	39	2	33	0	0	42	2	33	0	0	44	2	33
0	30	40	2	32	0	30	42	2	32	0	30	44	2	32	0	30	46	2	32
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1	0	20	2	29	1	29	24	2	26	1	29	23	2	26	1	29	22	2	26
1	57	59	2	24	1	57	58	2	24	1	57	56	2	24	1	57	55	2	24
2	26	12	2	23	2	26	10	2	23	2	26	8	2	23	2	26	6	2	23
2	54	16	2	23	2	54	14	2	23	2	54	12	2	23	2	54	10	2	23
3	22	24	2	24	3	22	23	2	24	3	22	21	2	24	3	22	19	2	24
3	50	52	2	26	3	50	51	2	26	3	50	50	2	26	3	50	49	2	26
4	19	48	2	29	4	19	49	2	29	4	19	50	2	29	4	19	50	2	29
4	49	16	2	32	4	49	20	2	32	4	49	21	2	32	4	49	23	2	32
5	19	15	2	33	5	19	17	2	33	5	19	19	2	33	5	19	22	2	33
5	49	26	2	34	5	49	31	2	34	5	49	33	2	34	5	49	36	2	34

3 20					3 21					3 22					3 23				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	46	2	33	0	0	48	2	33	0	0	50	2	33	0	0	52	2	33
0	30	47	2	32	0	30	48	2	32	0	30	49	2	32	0	30	51	2	31
1	0	21	2	29	1	0	21	2	29	1	0	21	2	29	1	0	21	2	29
1	29	21	2	26	1	29	20	2	26	1	29	19	2	26	1	29	19	2	26
1	57	53	2	24	1	57	51	2	24	1	57	49	2	24	1	57	48	2	24
2	26	3	2	23	2	26	1	2	23	2	25	59	2	23	2	25	57	2	23
2	54	7	2	23	2	54	5	2	23	2	54	3	2	23	2	54	1	2	23
3	22	18	2	24	3	22	17	2	24	3	22	15	2	24	3	22	14	2	24
3	50	48	2	26	3	50	47	2	26	3	50	47	2	26	3	50	46	2	26
4	19	50	2	29	4	19	50	2	29	4	19	51	2	29	4	19	51	2	29
4	49	24	2	32	4	49	25	2	32	4	49	27	2	32	4	49	28	2	32
5	19	24	2	33	5	19	56	2	33	5	19	28	2	33	5	19	30	2	33
5	49	38	2	34	5	49	40	2	33	5	49	42	2	33	5	49	45	2	33

3 24					3 25					3 26					3 27				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	54	2	33	0	0	56	2	33	0	0	58	2	33	0	1	0	2	33
0	30	52	2	31	0	30	53	2	31	0	30	55	2	31	0	30	56	2	31
1	0	22	2	28	1	0	22	2	28	1	0	22	2	28	1	0	22	2	28
1	29	18	2	26	1	29	17	2	26	1	29	16	2	25	1	29	16	2	25
1	57	46	2	24	1	57	44	2	24	1	57	43	2	24	1	57	42	2	23
2	25	54	2	23	2	25	52	2	23	2	25	50	2	23	2	25	48	2	23
2	53	59	2	23	2	53	56	2	23	2	53	54	2	23	2	53	52	2	23
3	22	12	2	24	3	22	11	2	24	3	22	9	2	24	3	22	8	2	24
3	50	46	2	27	3	50	46	2	27	3	50	45	2	27	3	50	44	2	27
4	19	52	2	29	4	19	52	2	29	4	19	53	2	29	4	19	53	2	30
4	49	30	2	32	4	49	31	2	32	4	49	33	2	32	4	49	35	2	32
5	19	33	2	33	5	19	35	2	33	5	19	37	2	33	5	19	40	2	34
5	49	47	2	33	5	49	50	2	33	5	49	50	2	33	5	49	54	2	33

3 28					3 29					3 30					3 31				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	3	2	33	0	1	5	2	33	0	1	7	2	33	0	1	9	2	33
0	30	57	2	31	0	30	59	2	31	0	31	0	2	31	0	31	1	2	31
1	0	23	2	28	1	0	23	2	28	1	0	23	2	28	1	0	23	2	27
1	29	15	2	25	1	29	14	2	25	1	29	13	2	25	1	29	12	2	25
1	57	40	2	23	1	57	38	2	23	1	57	36	2	23	1	57	34	2	23
2	25	45	2	23	2	25	41	2	23	2	25	41	2	23	2	25	39	2	23
2	53	50	2	23	2	53	48	2	23	2	53	46	2	23	1	53	44	2	23
3	22	6	2	24	3	22	5	2	25	3	22	3	2	25	3	22	1	2	25
3	50	44	2	27	3	50	43	2	27	3	50	43	2	27	3	50	43	2	27
4	19	54	2	30	4	19	54	2	30	4	19	55	2	30	4	19	56	2	30
4	49	36	2	32	4	49	38	2	32	4	49	40	2	32	4	49	42	2	32
5	19	42	2	34	5	19	44	2	34	5	19	46	2	34	5	19	48	2	24
5	49	9	2	33	5	49	57	2	33	5	50	1	2	33	5	50	3	2	33

3 32					3 33					3 34					3 35				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	11	2	33	0	1	13	2	33	0	1	15	2	32	0	1	17	2	32
0	31	2	2	30	0	31	3	2	30	0	31	4	2	30	0	31	5	2	30
1	0	23	2	27	1	0	23	2	27	1	0	22	2	27	1	0	22	2	27
1	29	11	2	25	1	29	9	2	25	1	29	8	2	25	1	29	7	2	25
1	57	32	2	23	1	57	30	2	23	1	57	28	2	23	1	57	26	2	23
2	25	37	2	23	2	25	35	2	23	2	25	32	2	23	2	25	31	2	23
2	53	42	2	23	2	53	40	2	23	2	53	38	2	23	2	53	36	2	23
3	21	59	2	25	3	21	58	2	25	3	21	57	2	25	3	21	56	2	25
3	50	43	2	27	3	50	42	2	27	3	50	42	2	27	3	50	42	2	27
4	19	57	2	30	4	19	58	2	30	4	19	59	2	30	4	20	0	2	30
4	49	43	2	32	4	49	45	2	32	4	49	47	2	32	4	49	49	2	33
4	19	50	2	34	5	19	53	2	34	5	19	55	2	34	5	19	57	2	34
5	50	5	2	33	5	50	7	2	33	5	50	9	2	33	5	50	11	2	33

3 36					3 37					3 38					3 39				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	19	2	32	0	1	20	2	32	0	1	23	2	32	0	1	24	2	32
0	31	6	2	30	0	31	7	2	30	0	31	8	2	30	0	31	9	2	30
1	0	22	2	27	1	0	22	2	27	1	0	21	2	27	1	0	21	2	27
1	29	8	2	25	1	29	5	2	25	1	29	3	2	24	1	29	2	2	24
1	57	24	2	23	1	57	23	2	23	1	57	21	2	23	1	57	19	2	23
2	25	29	2	23	2	25	26	2	23	2	25	24	2	23	2	25	22	2	23
2	53	34	3	23	2	53	32	2	23	2	53	32	2	23	2	53	28	2	23
3	21	55	2	25	3	21	54	2	25	3	21	52	2	25	3	21	51	2	25
3	50	42	2	28	3	50	42	2	28	3	50	41	2	28	3	50	41	2	28
4	20	1	2	30	4	20	2	2	31	4	20	3	2	31	4	20	4	2	31
4	49	51	2	33	4	49	53	2	33	4	49	55	2	33	4	49	57	2	33
5	19	53	2	34	5	20	2	2	34	5	20	5	2	34	5	20	7	2	34
5	50	14	2	33	5	50	16	2	33	5	50	18	2	33	5	50	20	2	33

3 40					3 41					3 42					3 43				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	26	2	32	0	1	28	2	32	0	1	29	2	32	0	1	31	2	32
0	31	10	2	30	0	31	11	2	29	0	31	11	2	29	0	31	12	2	29
1	0	21	2	27	1	0	20	2	27	1	0	20	2	27	1	0	19	2	27
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1	57	17	2	23	1	57	15	2	23	1	57	13	2	23	1	54	11	2	23
2	25	20	2	23	2	25	18	2	23	2	25	16	2	25	2	25	14	2	23
2	53	27	2	24	2	53	25	2	24	2	53	23	2	24	2	53	21	2	24
3	21	50	2	25	3	21	49	2	26	3	21	48	2	26	3	21	46	2	26
3	50	41	2	28	3	50	41	2	28	3	50	41	2	28	3	50	41	2	28
4	20	5	2	31	4	20	6	2	31	4	20	7	2	31	4	20	9	2	31
4	49	59	2	33	4	50	1	2	33	4	50	3	2	33	4	50	5	2	33
5	20	10	2	34	5	20	12	2	34	5	20	15	2	34	5	20	17	2	34
5	50	22	2	33	5	50	24	2	33	5	50	26	2	33	5	50	28	2	33

3 44					3 45					3 46					3 47				
Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	33	2	32	0	1	34	2	32	0	1	36	2	32	0	1	37	2	32
0	31	12	2	29	0	31	12	2	29	0	31	12	2	29	0	31	13	2	29
1	0	19	2	26	1	0	19	2	26	1	0	18	2	26	1	0	18	2	26
1	28	53	2	24	1	28	52	2	24	1	28	50	2	24	1	28	49	2	24
1	57	3	2	23	1	57	7	2	23	1	57	4	2	23	1	57	2	2	23
2	25	12	2	23	2	25	9	2	23	2	25	7	2	23	2	25	5	2	23
2	53	20	2	24	2	53	18	2	24	2	53	17	2	24	2	53	15	2	24
3	21	47	2	26	3	21	46	2	26	3	21	45	2	26	3	21	44	2	26
3	53	42	2	29	3	50	42	2	29	3	50	42	2	29	3	50	42	2	29
4	20	10	2	31	4	20	11	2	31	4	20	13	2	31	4	20	14	2	32
4	50	7	2	33	4	50	12	2	33	4	50	12	2	33	4	50	14	2	33
5	20	29	2	34	5	20	22	2	34	5	20	24	2	34	5	20	27	2	34
5	50	30	2	32	5	50	32	2	32	5	50	34	2	32	5	50	36	2	32

3 48					3 49					3 50					3 51				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	39	2	32	0	1	40	2	32	0	1	42	2	32	0	1	43	2	32
0	31	13	2	29	0	31	14	2	29	0	31	14	2	29	0	31	14	2	29
1	0	17	2	26	1	0	15	2	26	1	0	15	2	26	1	0	14	2	26
1	28	47	2	24	1	28	46	2	24	1	28	44	2	24	1	28	42	2	24
1	57	0	2	23	5	56	58	2	23	1	56	56	2	23	5	56	54	2	23
2	25	3	2	23	2	25	1	2	23	2	24	59	2	23	2	24	57	2	23
2	53	13	2	24	2	53	11	2	24	2	53	9	2	24	2	53	8	2	24
3	21	43	2	26	3	21	42	2	26	3	21	42	2	26	3	21	42	2	26
3	50	43	2	29	3	50	43	2	29	3	50	43	2	29	3	50	44	2	29
4	20	16	2	32	0	20	17	2	32	4	20	19	2	32	4	20	22	2	32
4	50	16	2	33	4	50	18	2	33	4	50	20	2	33	4	50	22	2	33
5	20	29	2	34	5	20	32	2	34	5	20	34	2	33	5	20	36	2	33
5	50	37	2	32	5	50	39	2	32	5	50	41	2	32	5	50	43	2	32

3 52					3 53					3 54					3 55				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	45	2	31	0	1	46	2	31	0	1	48	2	31	0	1	49	2	31
0	31	14	2	29	0	31	15	2	29	0	31	15	2	28	0	31	15	2	28
1	0	13	2	26	1	0	12	2	26	1	0	12	2	26	1	0	11	2	25
1	28	40	2	24	1	28	39	2	24	1	28	37	2	24	1	28	35	2	24
1	56	52	2	23	1	56	50	2	23	1	56	47	2	23	1	56	45	2	23
2	24	55	2	23	2	24	53	2	23	2	24	51	2	23	2	24	49	2	23
2	53	6	2	24	2	53	5	2	24	2	53	3	2	24	2	53	2	2	24
3	21	41	2	26	3	21	41	2	27	3	21	40	2	27	3	21	40	2	27
3	50	44	2	29	3	50	45	2	29	3	50	45	2	29	3	20	46	2	29
4	20	23	2	32	4	20	25	2	32	4	20	27	2	32	4	20	28	2	32
4	50	24	2	33	4	50	26	2	33	4	50	29	2	33	4	50	31	2	33
5	20	38	2	33	5	20	40	2	33	5	20	43	2	33	5	20	45	2	33
5	50	45	2	32	5	50	46	2	32	5	50	48	2	32	5	50	50	2	32

3 56					3 57					3 58					3 59				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	50	2	31	0	1	52	2	31	0	1	53	2	31	0	1	54	2	31
0	31	15	2	28	0	31	16	2	28	0	31	16	2	28	0	31	16	2	28
1	0	10	2	25	1	0	9	2	25	1	0	8	2	25	1	0	7	2	25
1	28	34	5	24	1	28	32	2	23	1	28	31	2	23	1	28	29	2	23
1	56	43	2	23	1	56	41	2	23	1	56	38	2	23	1	56	36	2	23
2	24	46	2	23	2	24	44	2	23	2	24	42	2	23	2	24	40	2	23
2	53	9	2	24	2	52	59	2	24	2	52	58	2	25	2	52	36	2	25
3	21	39	2	27	3	21	39	2	27	3	21	38	2	27	3	21	38	2	27
3	50	46	2	29	3	50	47	2	30	3	50	47	2	30	3	50	48	2	30
4	20	30	2	32	4	20	31	2	32	4	20	33	2	32	4	20	34	2	32
4	50	34	2	33	4	50	36	2	34	4	50	39	2	34	4	50	41	2	34
5	20	47	2	33	5	20	49	2	33	5	20	52	2	33	5	20	54	2	33
5	50	51	2	32	5	50	53	2	32	5	50	55	2	2	5	50	56	2	33

40					41					42					43				
Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.		Locus ⊙			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	55	2	31	0	1	56	2	30	0	1	57	2	30	0	1	58	2	30
0	31	16	2	28	0	31	16	2	27	0	31	16	2	27	0	31	15	2	27
1	0	6	2	25	1	0	5	2	25	1	0	4	2	25	1	0	2	2	25
1	28	27	2	23	1	28	25	2	23	1	28	23	2	23	1	28	21	2	23
1	56	34	2	23	1	56	32	2	23	1	56	30	2	23	1	56	28	2	23
2	24	38	2	23	2	24	36	2	23	2	24	34	2	23	2	24	32	2	23
2	52	54	2	25	2	52	52	2	25	2	52	51	2	25	2	52	49	2	25
3	21	37	2	27	3	21	37	2	27	3	21	37	2	27	3	21	37	2	27
3	50	49	2	30	3	50	50	2	30	3	50	51	2	30	3	50	52	2	30
4	20	35	2	32	4	20	37	2	32	4	20	39	2	32	4	20	41	2	32
4	50	43	2	34	4	50	46	2	34	4	50	48	2	34	4	50	50	2	34
5	20	56	2	33	5	20	58	2	33	5	21	1	2	33	5	21	3	2	33
5	50	58	2	32	5	50	59	2	32	5	51	1	2	31	5	51	2	2	31

44					45					46					47				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	59	2	30	0	1	59	2	30	0	1	0	2	30	0	2	1	2	30
0	30	15	2	27	0	30	15	2	27	0	30	14	2	27	0	31	14	2	27
1	0	1	2	25	1	0	0	2	25	0	59	58	2	25	0	59	57	2	24
1	28	19	2	23	1	28	17	2	23	1	28	15	2	23	1	28	13	2	23
1	56	26	2	23	1	56	23	2	23	1	56	21	2	23	1	56	19	2	23
2	24	30	2	23	2	24	29	2	23	2	24	27	2	23	2	24	25	2	23
2	52	48	2	25	2	52	47	2	25	2	52	46	2	25	2	52	45	2	25
3	21	36	2	27	3	21	36	2	28	3	21	36	2	28	3	21	36	2	28
3	50	53	2	30	3	50	54	2	30	3	50	55	2	31	3	50	57	2	31
4	20	43	2	33	4	20	45	2	33	4	20	47	2	33	4	20	49	2	33
4	50	53	2	34	4	50	55	2	34	4	50	57	2	34	4	51	0	2	34
5	21	5	2	33	5	21	7	2	33	5	21	9	2	33	5	21	11	2	33
5	51	4	2	31	5	51	5	2	31	5	51	7	2	31	5	51	8	2	31

4 8					4 9					4 10					4 11				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	2	2	30	0	2	3	2	30	0	2	4	2	29	0	2	4	2	29
0	31	14	2	27	0	31	13	2	27	0	31	13	2	27	0	31	12	2	27
0	59	56	2	24	0	59	54	2	24	0	59	53	2	24	0	59	51	2	24
1	28	11	2	23	1	28	9	2	23	1	28	7	2	23	1	28	5	2	23
1	56	17	2	23	1	56	15	2	23	1	56	13	2	23	1	56	11	2	23
2	24	23	2	23	2	24	21	2	24	2	24	19	2	24	2	24	17	2	24
2	52	44	2	25	2	52	43	2	25	2	52	42	2	26	2	52	41	2	26
3	21	35	2	28	3	21	35	2	28	3	21	35	2	28	3	21	35	2	28
3	50	58	2	31	3	50	59	2	31	3	51	0	2	31	3	51	1	2	31
4	21	51	2	33	4	21	53	2	33	4	20	55	2	33	4	20	57	2	33
4	51	2	2	34	4	51	5	2	34	4	51	7	2	34	4	51	9	2	34
5	21	13	2	33	5	21	15	2	33	5	21	17	2	33	5	21	19	2	33
5	51	9	2	31	5	51	11	2	31	5	51	12	2	31	5	51	13	2	30

4 12					4 13					4 14					4 15				
S	g	2	m	m	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	5	2	29	0	2	5	2	29	0	2	6	2	29	0	2	6	2	29
0	31	12	2	27	0	31	11	2	27	0	31	10	2	26	0	31	10	2	26
0	59	54	2	24	0	59	48	2	24	0	59	47	2	24	0	59	45	2	24
1	28	3	2	23	1	28	0	2	23	1	27	58	2	23	1	27	56	2	23
1	56	9	2	23	5	56	6	2	23	1	56	4	2	23	1	56	2	2	23
2	24	16	2	24	2	24	15	2	24	2	24	13	2	24	2	24	11	2	24
2	52	40	2	26	2	52	39	2	26	2	52	39	2	26	2	52	38	2	26
3	21	35	2	29	3	21	36	2	29	3	21	36	2	29	3	21	36	2	29
3	51	3	2	31	3	51	4	2	31	3	51	6	2	31	3	51	7	2	31
4	20	59	2	33	4	21	1	2	33	4	21	3	2	33	4	21	6	2	33
4	51	11	2	34	4	51	14	2	34	4	51	16	2	34	4	51	18	2	34
5	21	21	2	23	5	21	23	2	32	5	21	25	2	32	5	21	27	2	32
5	51	14	2	30	5	51	15	2	30	5	51	16	2	30	5	51	17	2	30

4 16					4 17					4 18					4 19				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	7	2	29	0	2	7	2	29	0	2	8	2	29	0	2	8	2	29
0	31	9	2	26	0	31	9	2	26	0	31	8	2	26	0	31	8	2	26
0	59	43	2	24	0	59	42	2	24	0	59	41	2	24	0	59	39	2	24
1	27	54	2	23	1	27	52	2	23	1	27	50	2	23	1	27	48	2	23
1	56	0	2	23	1	55	57	2	23	1	55	55	2	23	1	55	53	2	23
2	24	10	2	24	2	24	8	2	24	2	24	6	2	24	2	24	4	2	24
2	52	37	2	26	2	52	36	2	26	2	52	36	2	26	2	52	35	2	26
3	21	37	2	29	3	21	37	2	29	3	21	37	2	29	3	21	38	2	29
3	51	9	2	32	3	51	10	2	32	3	51	12	2	32	3	51	13	2	32
4	21	8	2	33	4	21	10	2	33	4	21	12	2	33	4	21	14	2	33
4	51	21	2	34	4	51	23	2	34	4	51	25	2	34	4	51	28	2	33
5	21	29	2	32	5	21	30	2	32	5	21	32	2	32	5	21	34	2	32
5	51	17	2	30	5	51	18	2	30	5	51	19	2	30	5	51	20	2	30

4 20					4 21					4 22					4 23				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	9	2	29	0	2	9	2	29	0	2	9	2	29	0	2	9	2	29
0	31	7	2	26	0	31	7	2	26	0	31	6	2	26	0	31	5	2	26
0	59	37	2	24	0	59	36	2	24	0	59	34	2	24	0	59	32	2	24
1	27	46	2	23	1	27	44	2	23	1	27	42	2	23	1	27	40	2	23
1	55	51	2	23	1	55	49	2	23	1	55	47	2	23	1	55	45	2	23
2	24	2	2	24	2	24	0	2	24	2	23	59	2	24	2	23	57	2	24
2	52	34	2	26	2	52	33	2	26	2	52	32	2	27	2	52	32	2	27
3	21	38	2	29	3	21	39	2	29	3	21	39	2	29	3	21	40	2	29
3	51	14	2	32	3	51	16	2	32	3	51	17	2	32	3	51	19	2	32
4	21	16	2	33	4	21	18	2	33	4	21	20	2	33	4	21	23	2	33
4	51	30	2	23	4	50	32	2	33	4	51	34	2	33	4	51	37	2	33
5	21	36	2	32	5	21	38	2	32	5	21	39	2	32	5	21	41	2	32
5	51	21	2	29	5	51	22	2	29	5	51	22	2	29	5	51	23	2	29

4 24					4 25					4 26					4 27				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	2	9	2	28	0	2	9	2	28	0	2	10	2	28	0	2	10	2	28
0	31	4	2	26	0	31	3	2	25	0	31	2	2	5	0	31	1	2	25
0	59	31	2	24	0	59	29	2	24	0	59	27	2	23	0	59	25	2	23
1	27	38	2	23	1	27	36	2	23	1	27	34	2	23	1	27	92	2	23
1	55	46	2	23	1	55	41	2	23	1	55	39	2	23	1	55	36	2	23
2	23	56	2	24	2	23	54	2	24	2	23	53	2	24	2	23	51	2	25
2	52	3	2	27	2	52	31	2	27	2	52	30	2	27	2	52	30	2	27
3	21	40	2	29	3	21	41	2	29	3	21	41	2	30	3	21	42	2	30
3	51	21	2	32	3	51	22	2	32	3	51	24	2	32	3	51	25	2	32
4	21	25	2	33	4	21	27	2	33	4	21	30	2	34	4	21	32	2	34
4	51	39	2	33	4	51	41	2	33	4	51	43	2	33	4	51	46	2	33
5	21	42	2	32	5	21	44	2	32	5	21	45	2	32	5	21	47	2	32
5	51	23	2	29	5	51	24	2	29	5	51	24	2	26	5	51	25	2	29

4 28					4 29					4 30					4 31				
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	2	10	2	28	3	2	10	2	28	0	2	10	2	27	0	2	10	2	27
0	31	0	2	55	0	30	59	2	25	0	30	58	2	25	0	30	57	2	25
0	59	23	2	23	0	59	21	2	23	0	59	19	2	23	0	59	17	2	23
1	27	29	2	23	1	27	27	2	23	1	27	25	2	23	1	27	23	2	23
1	55	34	2	23	1	55	32	2	23	1	55	30	2	23	1	55	28	2	23
2	23	50	2	25	2	23	48	2	25	2	23	47	2	25	2	23	46	2	25
2	52	29	2	27	2	52	29	2	27	2	52	29	2	27	2	52	29	2	27
3	21	42	2	30	3	21	43	2	30	3	21	44	2	30	3	21	45	2	30
3	51	47	2	32	3	51	28	2	32	3	51	30	2	32	3	51	32	2	32
4	21	34	2	34	4	21	37	2	34	4	21	39	2	34	4	21	41	2	34
4	51	48	2	33	4	51	50	2	33	4	51	52	2	33	4	51	54	2	33
5	21	48	2	32	5	21	50	2	32	5	21	52	2	32	5	21	53	2	31
5	51	25	2	29	5	51	26	2	29	5	51	26	2	29	5	51	26	2	29

4 32					4 33					4 34					4 35				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	10	2	27	0	2	9	2	27	0	2	9	2	27	0	2	8	2	27
0	30	56	2	25	0	30	54	2	25	0	30	53	2	25	0	30	51	2	25
0	59	15	2	23	0	59	13	2	23	0	59	13	2	23	0	59	12	2	23
1	27	21	2	23	1	27	18	2	23	1	27	16	2	23	1	27	14	2	23
1	55	26	2	23	1	55	24	2	23	1	55	23	2	23	1	55	21	2	23
2	23	45	2	25	2	23	43	2	25	2	23	42	2	25	2	23	41	2	25
2	52	29	2	27	2	52	29	2	27	2	52	29	2	28	2	52	29	2	28
3	21	46	2	30	3	21	47	2	30	3	21	48	2	30	3	21	49	2	31
3	51	34	2	32	3	51	36	2	33	3	51	38	2	33	3	51	40	2	33
4	21	43	2	34	4	21	46	2	34	4	21	40	2	34	4	21	50	2	34
4	51	56	2	33	4	51	58	2	33	4	52	0	2	33	4	52	2	2	33
5	21	54	2	31	5	21	56	2	31	5	21	57	2	31	5	21	58	2	31
5	51	26	2	29	5	51	26	2	28	5	51	26	2	28	5	51	26	2	28

4 36					4 37					4 38					4 39				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	7	2	27	0	2	8	2	27	0	2	7	2	27	0	2	7	2	27
0	30	50	2	25	0	30	48	2	24	0	30	47	2	24	0	30	45	2	24
0	59	8	2	23	0	59	6	2	23	0	59	4	2	23	0	59	2	2	23
1	27	12	2	23	1	27	9	2	23	1	27	7	2	23	1	27	5	2	23
1	55	19	2	23	1	55	17	2	23	1	55	16	2	23	1	55	14	2	24
2	23	40	2	25	2	23	39	2	25	2	23	37	2	25	2	23	36	2	26
2	52	28	2	28	2	52	28	2	28	2	52	28	2	28	2	52	28	2	28
3	21	50	2	31	3	21	51	2	31	3	21	53	2	31	3	21	54	2	31
3	51	42	2	33	3	51	44	2	33	3	51	46	2	33	3	51	48	2	33
4	21	53	2	34	4	21	55	2	34	4	21	58	2	34	4	22	1	2	34
4	52	4	2	33	4	52	7	2	33	4	52	9	2	33	4	52	13	2	33
5	22	0	2	31	5	22	2	2	31	5	22	3	2	31	5	22	4	2	31
5	51	27	2	28	5	51	27	2	29	5	51	27	2	28	5	51	27	2	28

4 40					4 41					4 42					4 43				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho				
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	2	7	2	27	0	2	7	2	27	0	2	6	2	27	0	2	5	2	26
0	30	44	2	24	0	30	42	2	24	0	30	41	2	24	0	30	39	2	24
0	59	0	2	23	0	58	58	2	23	0	58	56	2	23	0	58	54	2	23
1	27	3	2	23	1	27	1	2	23	1	26	59	2	23	1	25	57	2	23
1	55	12	2	24	1	55	10	2	24	1	55	8	2	24	1	55	6	2	24
2	23	35	2	26	2	23	34	2	26	2	23	33	2	26	2	23	32	2	26
2	52	28	2	28	2	52	28	2	29	2	52	28	2	29	2	52	29	2	29
3	21	55	2	31	3	21	56	2	31	3	21	57	2	31	3	21	59	2	31
3	51	50	2	33	3	51	52	2	33	3	51	54	2	33	3	51	56	2	33
4	22	3	2	34	4	22	5	2	34	4	22	7	2	34	4	22	10	2	34
4	52	13	2	33	4	52	15	2	33	4	52	17	2	32	4	52	19	2	32
5	22	5	2	30	5	22	6	2	30	5	22	7	2	30	5	22	8	2	30
5	51	27	2	27	5	51	27	2	27	5	51	27	2	27	5	51	26	2	27

4 44					4 45					4 46					4 47				
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	2	4	2	26	0	2	4	2	26	0	2	3	2	26	0	2	2	2	26
0	30	38	2	24	0	30	36	2	24	0	30	35	2	24	0	30	33	2	24
0	58	52	2	23	0	58	49	2	23	0	58	47	2	23	0	58	45	2	23
1	26	54	2	23	1	26	52	2	23	1	26	50	2	23	1	26	48	2	[illegible]
1	55	4	2	24	1	55	3	2	24	1	55	1	2	24	1	54	59	2	24
2	23	32	2	26	2	23	31	2	26	2	23	31	2	26	2	23	30	2	26
2	52	29	2	29	2	52	29	2	29	2	52	30	2	29	2	52	30	2	29
3	22	0	2	31	3	22	2	2	32	3	22	3	2	32	3	22	5	2	32
3	51	59	2	33	3	52	1	2	33	3	52	3	2	33	3	52	5	2	33
4	22	12	2	34	4	22	14	2	34	4	22	17	2	34	4	22	19	7	34
4	52	21	2	32	4	52	23	2	32	4	52	25	2	32	4	52	27	2	32
5	22	9	2	30	5	22	10	2	30	5	22	11	2	30	5	22	12	2	30
5	52	26	2	27	5	51	26	2	27	5	51	26	2	27	5	51	25	2	27

4 48					4 49					4 50					4 51				
Locus ad					Locus ad					Locus ad					Locus ad				
☉			ho.		☉			ho.		☉			ho.		☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	2	1	2	26	0	2	0	2	26	0	2	0	2	26	0	1	59	2	26
0	30	32	2	24	0	30	30	2	29	0	30	28	2	24	0	30	22	2	24
0	58	43	2	23	0	58	41	2	23	0	58	39	2	23	0	58	37	2	23
1	26	46	2	23	1	26	44	2	23	1	26	42	2	23	1	26	70	2	23
1	54	58	2	24	1	54	56	2	24	1	54	55	2	24	1	54	54	2	24
2	23	29	2	26	2	23	28	2	26	2	23	28	2	26	2	23	28	2	27
2	52	30	2	29	2	52	31	2	29	2	52	31	2	29	2	52	32	2	29
3	22	6	2	32	3	22	8	2	32	3	22	9	2	32	3	22	10	2	32
3	52	8	2	33	3	52	10	2	33	3	52	12	2	33	3	52	14	2	33
4	22	22	2	33	4	22	14	2	33	4	22	26	2	33	4	22	28	2	33
4	52	28	2	32	4	52	30	2	32	4	52	32	2	32	4	53	34	2	32
5	22	12	2	30	5	22	13	2	29	5	22	14	2	29	5	22	15	2	29
5	51	25	2	27	5	51	54	2	27	5	51	24	2	27	5	51	23	2	27

4 52					4 53					4 54					4 55				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	59	2	26	0	1	58	2	26	0	1	57	2	25	0	1	56	2	25
0	30	24	2	24	0	30	23	2	24	0	30	21	2	24	0	30	19	2	24
0	58	35	2	23	0	58	33	2	23	0	58	30	2	23	0	58	28	2	23
1	26	58	2	23	1	26	36	2	23	1	26	34	2	23	1	26	32	2	23
1	54	52	2	24	1	54	51	2	24	1	54	49	2	24	1	54	48	2	24
2	23	27	2	27	2	23	27	2	27	2	23	26	2	27	2	23	26	2	27
2	52	32	2	29	2	52	33	2	26	2	52	34	2	29	2	52	34	2	34
3	22	11	2	32	3	22	13	2	32	3	22	15	2	32	3	22	17	2	32
3	52	16	2	33	3	52	18	2	33	3	52	21	2	33	3	52	23	2	33
4	22	30	2	33	4	22	32	2	33	4	22	35	2	33	4	22	37	2	33
4	52	36	2	32	4	52	38	2	32	4	52	39	2	32	4	52	41	2	32
5	22	15	2	29	5	22	16	2	29	5	22	16	2	29	5	22	17	2	29
5	51	22	2	27	5	51	22	2	26	5	51	22	2	26	5	51	21	2	26

4 36					4 37					4 38					4 39				
Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.		Locus ☉			ad ho.	
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	1	55	2	25	0	1	54	2	25	0	1	53	2	25	0	1	51	2	25
0	30	18	2	23	0	30	16	2	23	0	30	14	2	23	0	30	13	2	23
0	58	26	2	23	0	58	24	2	23	0	58	21	2	23	0	58	19	2	23
1	26	30	2	23	1	26	27	2	23	1	26	25	2	23	1	26	23	2	23
1	54	46	2	24	1	54	45	2	25	1	54	43	2	25	1	54	42	2	25
2	23	25	2	27	2	23	25	2	27	2	23	24	2	27	2	23	24	2	27
2	52	35	2	30	2	52	35	2	30	2	52	36	2	30	2	52	37	2	30
3	22	19	2	32	3	22	20	2	32	3	22	22	2	32	3	22	24	2	32
3	52	25	2	34	3	52	27	2	34	3	52	29	2	34	3	52	32	2	34
4	22	39	2	33	4	22	42	2	33	4	22	44	2	33	4	22	46	2	33
4	52	43	2	32	4	52	44	2	32	4	52	45	2	32	4	52	47	2	32
5	22	17	2	29	5	22	18	2	29	5	22	18	2	29	5	22	19	2	29
5	51	21	2	26	5	51	20	2	26	5	51	19	2	26	5	51	18	2	26

5 0					51					5 2					5 3				
S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2	S	g	m̄	m̄	2
0	1	51	2	25	0	1	50	2	25	0	1	45	2	25	0	1	47	2	25
0	30	11	2	23	0	30	9	2	23	0	30	7	2	23	0	30	5	2	23
0	58	17	2	23	0	58	15	2	23	0	58	13	2	23	0	58	11	2	23
1	26	21	2	23	1	26	19	2	23	1	26	17	2	23	1	26	15	2	23
1	54	40	2	25	1	54	39	2	25	1	54	37	2	25	1	54	36	2	25
2	23	23	2	27	2	23	23	2	27	2	23	23	2	27	2	23	23	2	28
2	52	38	2	30	2	52	39	2	30	2	52	39	2	30	2	52	40	2	30
3	22	26	2	32	3	22	28	2	32	3	22	30	2	33	3	22	32	2	33
3	52	34	2	34	3	52	36	2	34	3	52	39	2	34	3	52	41	2	34
4	22	48	2	33	4	22	50	2	33	4	22	52	2	33	4	22	54	2	33
4	52	48	2	31	4	52	49	2	31	4	52	50	2	31	4	52	51	2	31
5	22	19	2	29	5	22	19	2	29	5	22	19	2	28	5	22	19	2	28
5	52	12	2	26	5	51	17	2	26	5	51	16	2	26	5	51	16	2	26

5 4					5 5					5 6					5 7				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	46	2	25	0	1	44	2	25	0	1	43	2	24	0	1	41	2	24
0	30	3	2	23	0	30	1	2	23	0	29	59	2	23	0	29	57	2	23
0	59	9	2	23	0	58	7	2	23	0	58	5	2	23	0	58	2	2	23
1	26	13	2	23	1	26	11	2	23	1	26	19	2	23	1	26	8	1	23
1	54	35	2	25	1	54	34	2	25	1	54	32	2	25	1	54	31	2	25
2	23	23	2	28	2	23	22	2	28	2	23	22	2	28	2	23	22	2	28
2	52	41	2	31	2	52	42	2	31	2	52	42	2	31	2	52	42	2	31
3	22	34	2	33	3	22	36	2	33	3	22	38	2	33	3	22	40	2	33
3	52	43	2	34	3	52	46	2	34	3	52	48	2	34	3	52	51	2	34
4	22	56	2	33	4	22	59	2	33	4	23	1	2	33	4	23	3	2	33
4	52	53	2	31	4	52	54	2	31	4	52	55	2	31	4	52	57	2	31
5	22	19	2	28	5	22	51	2	28	5	22	24	2	28	5	22	20	2	28
5	51	15	2	25	5	51	14	2	25	5	51	13	2	25	5	51	12	2	25

5 8					5 9					5 10					5 11				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	40	2	24	0	1	38	2	24	0	1	37	2	24	0	1	35	2	24
0	29	59	2	23	0	29	53	2	23	0	29	51	2	23	0	29	49	2	23
0	58	0	2	23	0	57	58	2	23	0	57	56	2	23	0	57	54	2	23
1	26	6	2	24	1	26	5	2	24	1	26	3	2	24	1	26	1	2	24
1	54	30	2	25	1	54	29	2	26	1	54	28	2	26	1	54	27	2	26
2	23	22	2	28	2	23	22	2	28	2	23	22	2	29	2	23	22	2	29
2	52	42	2	31	2	52	44	2	31	2	52	45	2	31	2	52	47	2	31
3	22	42	2	33	3	22	44	2	33	3	22	46	2	33	3	22	48	2	33
3	52	53	2	34	3	52	56	2	34	3	52	58	2	34	3	53	0	2	34
4	23	5	2	33	4	23	7	2	33	4	23	9	2	33	4	23	11	2	33
4	52	58	2	31	4	52	59	2	30	4	53	0	2	30	4	53	1	2	30
5	22	20	2	28	5	22	20	2	27	5	22	20	2	27	5	22	20	2	27
5	51	11	2	25	5	51	10	2	25	5	51	9	2	25	5	51	8	2	25

5 12					5 13					5 14					5 15				
Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.					Locus ad ☉ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	34	2	24	0	1	12	2	24	0	1	31	2	24	0	1	29	2	24
0	29	47	2	23	0	29	45	2	23	0	29	43	2	23	0	29	40	2	23
0	57	52	2	23	0	57	49	2	23	0	57	47	2	23	0	57	45	2	23
1	25	59	2	24	1	25	58	2	24	1	25	56	2	24	1	25	54	2	24
1	54	26	2	26	1	54	26	2	26	1	54	25	2	26	1	54	25	2	26
2	23	22	2	29	2	23	23	2	29	2	23	23	2	29	2	23	23	2	29
2	52	48	2	31	2	52	50	2	31	2	52	51	2	32	2	52	53	2	32
3	22	50	2	33	3	22	52	2	33	3	22	54	2	33	3	22	56	2	33
3	53	2	2	34	3	53	5	2	34	3	53	7	2	34	3	53	9	2	34
4	23	13	2	32	4	23	15	2	32	4	23	17	2	32	4	23	19	2	32
4	53	2	2	30	4	53	3	2	30	4	53	4	2	30	4	53	5	2	30
5	22	20	2	27	5	22	19	2	27	5	22	19	2	27	5	22	18	2	27
5	51	7	2	25	5	51	5	2	25	5	51	4	2	25	5	51	3	2	27

5 16					5 17					5 18					5 19				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	1	28	2	24	0	1	26	2	24	0	1	24	2	24	0	1	23	2	24
0	29	38	2	23	0	29	36	2	23	0	29	33	2	23	0	29	31	2	23
0	57	42	2	23	0	57	40	2	23	0	57	38	2	23	0	57	36	2	23
1	25	53	2	24	1	25	51	2	24	1	25	48	2	24	1	25	47	2	24
1	54	24	2	26	1	54	23	2	26	1	54	22	2	26	1	54	21	2	26
2	23	24	2	29	2	23	24	2	29	2	23	24	2	29	2	23	25	2	29
2	52	55	2	32	2	52	57	2	32	2	52	59	2	32	2	53	1	2	32
3	22	58	2	33	3	23	0	2	33	3	23	3	2	33	3	23	1	2	33
3	53	12	2	34	3	53	14	2	33	3	53	16	2	33	3	53	19	2	33
4	23	21	2	32	4	23	33	2	32	4	23	24	2	32	4	23	26	2	32
4	53	6	2	30	4	53	7	2	30	4	53	7	2	29	4	53	8	2	29
5	22	18	2	27	5	22	18	2	27	5	22	17	2	27	5	22	17	2	27
5	51	1	2	24	5	51	0	2	24	5	50	58	2	24	5	50	57	2	24

5 20				
Locus ☉			ad ho.	
S	g	m	h	m
0	1	21	2	24
0	29	29	2	23
0	57	34	2	23
1	25	46	2	24
1	54	21	2	26
2	23	25	2	29
2	53	3	2	32
3	23	7	2	33
3	53	21	2	33
4	23	28	2	32
4	53	9	2	29
5	22	17	2	27
5	50	55	2	24

5 21				
Locus ☉			ad ho.	
S	g	m	h	m
0	1	20	2	24
0	29	27	2	23
0	57	32	2	23
1	25	44	2	24
1	54	20	2	27
2	23	26	2	29
2	53	5	2	32
3	23	9	2	33
3	53	23	2	33
4	23	30	2	32
4	53	10	2	29
5	22	16	2	27
5	50	53	2	24

5 22				
Locus ☉			ad ho.	
S	g	m	h	m
0	1	18	2	24
0	29	25	2	23
0	57	30	2	23
1	25	43	2	24
1	54	20	2	27
2	23	26	2	29
2	53	7	2	32
3	23	11	2	33
3	53	25	2	33
4	23	31	2	32
4	53	10	2	29
5	22	16	2	26
5	50	51	2	23

5 23				
Locus ☉			ad ho.	
S	g	m	h	m
0	1	16	2	24
0	29	23	2	23
0	57	28	2	23
1	25	41	2	24
1	54	19	2	27
2	23	27	2	30
2	53	8	2	32
3	23	14	2	34
3	53	27	2	33
4	23	33	2	32
4	53	11	2	29
5	22	15	2	26
5	50	50	2	24

5 24				
S	g	m	h	m
0	1	14	2	24
0	29	21	2	23
0	57	26	2	23
1	25	40	2	24
1	54	19	2	27
2	23	28	2	30
2	53	10	2	32
3	23	16	2	34
3	53	30	2	33
4	23	34	2	32
4	53	11	2	29
5	22	15	2	26
5	50	48	2	24

5 25				
S	g	m	h	m
0	1	13	2	23
0	29	18	2	23
0	57	24	2	23
1	25	39	2	24
5	54	19	2	27
2	23	28	2	30
2	53	12	2	32
3	23	18	2	34
3	53	32	2	33
4	23	36	2	32
4	53	11	2	29
5	22	14	2	26
5	50	47	2	24

5 26				
S	g	m	h	m
0	1	11	2	23
0	29	17	2	23
0	57	22	2	23
1	25	37	2	25
1	54	18	2	27
2	23	29	2	30
2	53	13	2	32
3	23	21	2	34
3	53	34	2	33
4	23	37	2	32
4	53	12	2	29
5	22	14	2	26
5	50	45	2	24

5 27				
S	g	m	h	m
0	1	9	2	23
0	29	14	2	23
0	57	20	2	23
1	25	36	2	25
1	54	18	2	27
2	23	30	2	30
2	53	15	2	32
3	23	23	2	34
3	53	36	2	33
4	23	39	2	32
4	53	12	2	29
5	22	13	2	26
5	50	44	2	24

5 28					5 39					5 30					5 31				
Locus ad. ⊙ ho.					Locus ad ⊙ ho					Locus ad ⊙ ho.					Locus ad ⊙ ho.				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	1	7	2	23	0	1	5	2	23	0	1	3	2	23	0	1	1	2	23
0	29	12	2	23	0	29	10	2	23	0	29	8	2	23	0	29	6	2	23
0	57	18	2	23	0	57	10	2	23	0	57	14	2	23	0	57	12	2	23
1	25	34	2	25	1	25	39	2	25	1	25	32	2	25	1	25	31	2	27
1	54	18	2	27	1	54	17	2	27	1	54	17	2	27	1	54	17	2	27
2	23	31	2	30	2	23	32	2	30	2	23	33	2	30	2	23	34	2	30
2	53	16	2	32	2	53	18	2	32	2	53	20	2	32	2	53	22	2	33
3	23	26	2	34	3	23	28	2	34	3	23	30	2	34	3	23	32	2	34
3	53	39	2	33	3	53	41	2	33	3	53	43	2	33	3	53	45	2	33
4	23	40	2	32	4	23	42	2	31	4	23	43	2	31	4	23	44	2	31
4	53	12	2	29	4	53	13	2	29	4	53	13	2	29	4	53	13	2	28
5	22	12	2	26	5	22	11	2	26	5	22	10	2	26	5	22	9	2	26
5	50	41	2	24	5	50	41	2	24	5	50	39	2	24	5	50	37	2	24

5 32					5 33					5 34					5 35				
S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2	S	g̃	m̃	m̃	2
0	0	59	2	23	0	0	57	2	23	0	0	55	2	23	0	0	53	2	23
0	29	4	2	23	0	29	2	2	23	0	29	0	2	23	0	28	57	2	23
0	57	10	2	23	0	57	8	2	23	0	57	6	2	23	0	57	4	2	23
1	25	30	2	25	1	25	28	2	25	1	25	27	2	25	1	25	26	2	25
1	54	17	2	27	1	54	17	2	27	1	54	17	2	28	1	54	17	2	28
2	23	35	2	30	2	23	36	2	30	2	23	37	1	31	2	23	38	2	31
2	53	24	2	33	2	23	37	2	34	2	23	39	2	34	2	23	42	2	34
3	23	35	2	34	3	53	26	2	33	3	53	28	2	33	3	53	30	2	33
3	53	47	2	33	3	53	50	2	33	3	53	52	2	33	3	53	54	2	33
4	23	45	2	31	4	23	46	2	31	4	23	45	2	32	4	23	49	2	31
4	53	13	2	28	4	53	13	2	28	4	53	13	2	28	4	53	13	2	28
5	22	2	2	26	5	22	7	2	25	5	22	6	2	25	5	22	5	2	25
5	50	36	2	24	5	50	34	2	24	5	50	32	2	24	5	50	30	2	23

ſ 36					ſ 37					ſ 38					ſ 39				
Locus ad					Locus ad					Locus ad					Locus ad				
☉ ho.					☉ ho.					☉ ho.					☉ ho.				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	51	2	23	0	0	49	2	23	0	0	47	2	23	0	0	45	2	23
0	28	55	2	23	0	28	53	2	23	0	28	50	2	23	0	28	48	2	23
0	57	2	2	23	0	57	1	2	24	0	56	59	2	24	0	56	57	2	24
1	25	25	2	25	1	25	24	2	25	1	25	23	2	26	1	25	22	2	26
1	54	16	2	28	1	54	16	2	28	1	54	16	2	28	1	54	16	2	28
2	23	40	2	31	2	23	41	2	31	2	23	42	2	31	2	23	43	2	31
2	53	32	2	33	2	53	34	2	33	2	53	36	2	33	2	53	38	2	33
3	23	44	2	34	3	23	47	2	34	3	23	50	2	34	3	23	52	2	34
3	53	56	2	33	3	53	58	2	35	3	54	0	2	33	3	54	2	2	33
4	23	50	2	31	4	23	51	2	31	4	23	53	2	30	4	23	54	2	30
4	53	14	2	28	4	53	14	2	28	4	53	14	2	27	4	63	14	2	27
5	22	5	2	25	5	22	4	2	25	5	22	3	2	25	5	22	2	2	25
5	50	29	2	23	5	50	27	2	23	5	50	25	2	23	5	50	23	2	23

ſ 40					ſ 41					ſ 42					ſ 43				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	43	2	23	0	0	41	2	23	0	0	39	2	23	0	0	37	2	23
0	28	46	2	23	0	28	44	2	23	0	28	42	2	23	0	28	40	2	23
0	56	55	2	24	0	56	53	2	24	0	56	51	2	24	0	56	50	2	24
1	25	21	2	26	1	25	20	2	26	1	25	19	2	26	1	25	19	2	26
1	54	16	2	29	1	24	16	2	29	1	54	17	2	29	1	54	17	2	29
2	23	44	2	31	2	23	45	2	31	2	23	46	2	31	2	23	48	2	32
2	53	40	2	33	2	53	42	2	33	2	53	44	2	33	2	53	46	2	33
3	23	54	2	34	3	23	56	2	34	3	23	58	2	34	3	24	1	2	30
3	54	4	2	32	3	54	6	2	32	3	54	8	2	32	3	54	10	2	32
4	23	55	2	30	4	23	56	2	30	4	23	57	2	30	4	23	58	2	03
4	53	14	2	27	4	53	13	2	27	4	53	13	2	30	4	53	13	2	27
5	22	1	2	25	5	22	0	2	25	5	21	59	2	25	5	21	57	2	25
5	50	21	2	23	5	50	19	2	23	5	50	17	2	23	5	50	15	2	23

5 44					5 45					5 46					4 47				
Locus ad ☉				ho.	Locus ad ☉				ho.	Locus ad ☉				ho.	Locus ad ☉				ho.
S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2
0	0	34	2	23	0	0	32	2	23	0	0	30	2	23	0	0	28	2	23
0	28	38	2	23	0	28	36	2	23	0	28	33	2	23	0	28	31	2	23
0	56	48	2	24	0	56	47	2	24	0	56	45	2	24	0	56	44	2	24
1	25	18	2	26	1	25	18	2	26	1	25	17	2	26	1	25	17	2	26
1	54	17	2	29	1	54	18	2	29	1	54	18	2	29	1	54	19	2	29
2	23	49	2	34	2	23	51	2	34	2	23	52	2	32	2	23	54	2	32
2	53	48	2	33	2	53	50	2	33	2	53	53	2	33	2	53	55	2	33
3	24	3	2	34	3	24	5	2	34	3	24	8	2	34	3	24	10	2	33
3	54	11	2	32	3	54	13	2	32	3	54	15	2	32	3	54	16	2	32
4	23	59	2	30	4	23	59	2	30	4	24	0	2	30	4	24	1	2	29
4	53	12	2	27	4	53	12	2	27	4	53	12	2	27	4	53	11	2	27
5	21	56	2	25	5	21	54	2	24	5	21	53	2	24	5	21	51	2	24
5	50	13	2	23	5	50	11	2	23	5	50	9	2	23	5	50	7	2	23

5 48					5 49					5 50					5 51				
S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2	S	g̈	m̄	m̄	2
0	0	25	2	23	0	0	23	2	23	0	0	21	2	23	0	0	19	2	23
0	28	29	2	23	0	28	27	2	23	0	28	25	2	23	0	28	23	2	23
0	56	42	2	24	0	56	41	2	24	0	56	39	2	24	0	56	37	2	24
1	25	16	2	26	1	25	15	2	26	1	25	14	2	26	1	25	14	2	26
1	54	19	2	29	1	54	20	2	29	1	54	20	2	29	1	54	21	2	29
2	23	55	2	32	2	23	57	2	32	2	23	58	2	32	2	23	59	2	32
2	53	57	2	33	2	53	59	2	33	2	54	1	2	33	2	54	3	2	33
3	24	12	2	33	3	24	15	2	33	3	24	17	2	33	3	24	19	2	33
3	54	18	2	32	3	54	20	2	32	3	54	22	2	32	3	54	23	2	32
4	24	2	2	29	4	24	2	2	29	4	24	3	2	29	2	24	3	2	29
4	53	11	2	27	4	53	10	2	27	4	53	10	2	27	4	53	9	2	26
5	21	50	2	24	5	21	48	2	24	5	21	47	2	24	5	21	46	2	24
5	50	5	2	23	5	50	3	2	23	5	50	1	2	23	5	49	59	2	23

5 52					5 53					5 54					5 55				
Locus ad. ☉			ho.		Locus ad ☉			ho		Locus ad ☉			ho.		Locus ad ☉			ho.	
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	17	2	23	0	0	14	2	23	0	0	12	2	23	0	0	10	2	23
0	28	21	2	23	0	28	19	2	23	0	28	17	2	23	0	28	15	2	23
0	56	36	2	24	0	56	34	2	24	0	56	33	2	24	0	56	32	2	25
1	25	13	2	27	1	25	13	2	27	1	25	12	2	27	1	25	12	2	27
1	54	21	2	29	1	54	22	2	29	1	54	23	2	29	1	54	23	2	30
2	24	1	2	32	2	24	3	2	32	2	24	4	2	32	2	24	6	2	32
2	54	5	2	33	2	54	8	2	33	2	54	10	2	33	2	54	13	2	34
3	24	21	2	33	3	24	24	2	33	3	24	26	2	33	3	24	28	2	33
3	54	24	2	32	3	54	25	2	32	3	54	27	2	32	3	54	28	2	32
4	24	4	2	29	4	24	4	2	29	4	24	5	2	29	4	24	5	2	29
4	53	8	2	26	4	53	8	2	26	4	53	7	2	26	4	53	7	2	26
5	21	44	2	24	5	21	43	2	24	5	21	41	2	24	5	21	40	2	24
5	49	57	2	23	5	49	55	2	23	5	49	53	2	23	5	49	51	2	23

5 56					5 57					5 58					5 59				
S	g	m	m	2	S	g	m	m	2	S	g	m	m	2	S	g	m	m	2
0	0	8	2	23	0	0	6	2	23	0	0	4	2	23	0	0	2	2	23
0	28	13	2	23	0	28	11	2	23	0	28	9	2	23	0	28	7	2	23
0	56	30	2	25	0	56	29	2	25	0	56	27	2	25	0	56	26	2	25
1	25	12	2	27	1	25	11	2	27	1	25	11	2	27	1	25	10	2	27
1	54	24	2	30	1	54	25	2	30	1	54	26	2	30	1	54	27	2	30
2	24	8	2	32	2	24	10	2	32	2	24	12	2	32	2	24	14	2	32
2	54	15	2	34	2	54	17	2	34	2	54	20	2	34	2	54	22	2	34
3	24	30	2	33	3	24	33	2	33	3	24	35	2	33	3	24	37	2	33
3	54	30	2	32	3	54	11	2	32	3	54	33	2	31	3	54	35	2	31
4	24	5	2	29	4	24	6	2	29	4	24	6	2	29	4	24	7	2	29
4	53	6	2	26	4	53	6	2	26	4	53	5	2	26	4	53	5	2	26
5	21	38	2	24	5	21	38	2	24	5	21	35	2	24	5	21	33	2	24
5	49	49	2	23	5	49	46	2	23	5	49	44	2	23	5	49	42	2	23

ℭ Tabula Lune in coniunctionibus.

1								2							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	55	29	37	5	55	55	5	55	50	29	37	5	55	50
0	27	1	29	58	0	28	53	0	26	57	29	59	0	28	31
0	54	29	30	40	0	57	37	0	54	26	30	53	0	57	34
1	22	36	32	40	1	27	17	1	22	34	32	12	1	27	15
1	51	34	33	45	1	57	49	1	51	35	33	49	1	57	50
2	21	33	35	22	2	29	22	2	21	36	35	25	2	29	25
2	52	28	36	33	3	1	51	2	52	33	36	35	3	1	56
3	23	56	36	51	3	34	53	3	24	2	36	50	3	34	59
3	55	21	36	9	4	7	52	3	55	26	36	6	4	7	57
4	26	6	34	47	4	40	10	4	26	9	34	43	4	40	13
4	55	58	33	6	5	11	36	4	59	59	33	2	5	11	37
5	24	49	31	34	5	42	1	5	24	47	31	31	5	41	59
5	52	48	30	25	0	11	34	5	52	44	30	23	0	11	3[illegible]

3								4							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	46	29	38	5	59	46	5	59	41	29	38	5	59	41
0	26	53	30	1	0	28	27	0	26	49	30	2	0	28	23
0	54	23	30	55	0	57	31	0	54	20	30	57	0	57	28
1	22	33	32	16	1	27	14	1	22	32	32	20	1	27	13
1	51	36	33	53	2	57	51	1	51	37	33	57	1	57	52
2	21	39	35	28	2	29	28	2	21	43	35	31	2	29	32
2	52	38	36	36	3	2	1	2	52	43	36	38	3	2	6
3	24	8	36	49	3	35	5	3	20	13	36	48	3	35	10
3	55	31	36	3	4	8	2	3	55	35	36	0	4	8	6
4	26	12	34	39	4	40	16	4	26	15	34	34	4	40	19
4	55	59	33	58	5	11	37	4	55	59	32	54	5	11	37
5	24	45	31	28	5	41	57	5	24	43	31	25	5	41	55
5	52	41	30	21	0	11	27	5	52	37	30	19	0	13	23

5								6							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	36	29	38	5	59	36	5	59	32	29	39	5	59	32
0	26	44	30	3	0	28	17	0	26	40	30	5	0	28	14
0	54	17	31	0	0	57	25	0	54	13	31	2	0	57	21
1	22	30	32	3	1	27	11	1	32	29	32	27	1	27	10
1	51	38	34	1	1	57	53	1	51	39	34	5	1	57	54
2	21	46	35	34	2	29	35	2	21	50	35	37	2	29	39
2	52	48	36	39	3	2	11	2	52	53	36	41	3	2	16
3	24	19	36	47	3	35	16	3	24	24	36	46	3	35	21
3	55	40	35	57	4	8	11	3	55	44	35	54	4	8	15
4	26	18	34	31	4	40	22	4	26	20	34	27	4	40	24
4	56	0	32	50	5	11	38	4	56	0	32	46	5	11	38
5	24	41	31	22	5	41	53	5	24	39	31	19	5	41	51
5	52	34	30	17	0	11	20	5	52	30	30	15	0	41	16

7								8							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	27	29	39	5	59	27	5	59	22	29	40	5	59	22
0	26	36	30	7	0	28	10	0	26	32	30	8	0	28	6
0	54	11	31	5	0	57	19	0	54	8	31	9	0	57	16
1	22	28	32	32	1	27	9	1	22	27	22	35	1	27	8
1	51	40	34	9	1	57	55	1	51	42	34	12	1	57	57
2	21	53	35	40	2	29	42	2	21	57	35	44	2	29	46
2	52	59	36	42	3	2	22	2	53	4	36	44	3	2	27
3	24	30	36	45	3	35	27	3	24	36	36	45	3	35	33
3	55	49	35	51	4	8	20	3	55	53	35	49	4	8	24
4	26	23	34	23	4	40	27	4	26	25	34	19	4	40	29
4	56	0	32	42	5	11	38	4	56	0	32	39	5	11	38
5	24	37	31	16	5	41	49	5	24	35	31	13	5	41	47
5	52	27	30	13	0	11	39	5	52	23	30	9	0	41	9

9								10							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	18	29	40	5	59	18	5	59	13	29	41	5	59	13
0	26	28	30	11	0	28	2	0	26	24	30	13	0	27	58
0	54	5	31	12	0	57	13	0	54	3	31	16	0	57	11
1	22	27	32	37	1	27	8	1	22	26	32	40	1	27	7
1	51	43	34	16	1	57	56	1	51	45	34	20	1	58	0
2	22	1	35	48	2	20	50	2	22	5	35	52	2	29	54
2	53	9	36	45	3	2	32	2	53	15	36	47	3	2	38
3	24	41	36	44	3	35	38	3	24	47	36	43	3	35	44
3	55	58	35	46	4	8	29	3	56	2	35	43	4	8	33
4	26	27	34	15	4	40	31	4	26	30	34	11	4	40	34
4	56	0	32	35	5	11	18	4	56	0	32	32	5	11	38
5	24	33	31	10	5	41	45	5	24	30	31	7	5	41	42
5	52	19	30	8	0	11	5	5	52	15	30	8	0	11	1

11								12							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	8	29	42	5	59	8	5	59	3	29	42	5	59	3
0	26	20	30	15	0	27	54	0	26	16	30	17	0	27	54
0	54	0	31	19	0	57	8	0	53	27	31	22	0	57	5
1	22	25	32	43	1	27	6	1	22	25	32	47	1	27	6
1	51	47	34	24	1	58	2	1	51	49	34	28	1	58	4
2	22	9	35	55	2	29	58	2	22	13	35	58	2	30	9
2	53	20	36	48	3	2	43	2	53	25	36	49	3	2	48
3	24	52	36	42	3	35	49	3	24	58	36	40	3	35	55
3	56	6	35	40	4	8	37	3	56	10	35	36	4	8	41
4	26	33	34	7	4	40	36	4	26	34	34	3	4	40	38
4	55	59	32	29	5	11	37	4	55	59	32	25	5	11	37
5	24	28	31	4	5	41	40	5	24	26	31	1	5	40	38
5	52	11	30	7	0	10	57	5	52	7	30	25	0	10	53

13								14							
Locus ad D. ho.					Arg. lati.			Locus ad D ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	59	29	43	5	58	59	5	58	54	29	40	5	58	54
0	26	12	30	19	0	27	46	0	26	8	30	21	0	27	42
0	53	55	31	25	0	57	3	0	53	53	31	28	0	57	1
1	22	24	32	50	1	27	5	1	22	24	34	54	1	27	5
1	51	40	34	32	1	58	5	1	51	52	34	36	1	58	7
2	22	17	36	1	2	30	6	2	22	21	36	3	2	30	10
2	53	31	36	49	2	2	54	2	53	36	36	50	3	2	59
3	25	3	36	38	3	36	0	3	25	8	36	35	3	36	5
3	56	14	35	33	3	8	45	3	56	18	35	29	3	36	5
4	26	35	33	59	4	40	39	4	26	37	33	55	4	40	41
4	55	50	32	22	4	11	36	4	55	58	32	18	5	11	36
5	24	23	30	59	5	41	35	5	24	20	30	56	5	41	32
5	52	3	30	4	5	10	49	5	51	59	30	2	0	10	45

15								16							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	49	29	45	5	58	49	5	58	45	29	46	5	58	45
0	26	4	30	23	0	27	38	0	26	0	30	25	0	27	34
0	53	50	31	31	0	56	58	0	53	48	31	34	0	56	56
1	22	23	32	57	1	27	4	1	22	23	33	1	1	27	4
1	51	54	34	40	1	58	0	1	51	57	34	43	1	58	12
2	22	25	36	6	2	30	14	2	22	30	36	9	2	30	19
2	53	42	36	51	3	3	5	2	53	47	36	52	3	3	10
3	25	14	36	33	3	36	11	3	25	19	36	31	3	36	16
3	56	22	35	26	4	0	53	3	56	26	35	22	4	8	57
4	26	39	33	51	4	40	43	4	26	41	33	47	4	40	45
4	55	57	32	13	5	11	35	4	55	56	32	11	5	11	34
5	23	18	30	53	5	41	30	5	24	15	30	50	5	41	27
5	51	55	30	1	0	10	41	5	51	51	29	59	0	10	37

17									18							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	40	29	46	5	58	40	5	58	36	25	47	5	58	39
0	25	56	30	27	0	27	30	0	25	53	30	30	0	27	27
0	53	46	31	38	0	56	54	0	53	44	31	41	0	56	52
1	22	23	33	5	1	27	4	1	22	23	33	9	1	27	4
1	51	59	34	47	1	58	14	1	52	1	34	51	1	58	16
2	22	34	36	12	2	30	23	2	22	39	36	14	2	30	28
2	53	53	36	53	3	3	16	2	53	59	36	53	3	3	22
3	25	24	36	30	3	36	21	3	25	30	36	29	3	36	27
3	56	30	35	19	4	8	1	3	56	33	35	15	4	9	4
4	26	42	33	43	4	40	46	4	26	44	33	39	4	40	48
4	55	56	32	8	5	11	34	4	55	55	32	4	5	11	33
5	24	12	30	47	5	41	24	5	24	10	30	35	5	41	22
5	51	47	29	57	0	10	33	5	51	43	29	56	0	10	29

19								20							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	31	29	43	5	58	31	5	58	26	29	49	5	58	26
0	25	49	30	32	0	27	23	0	25	46	30	37	0	27	20
0	53	4	31	44	0	56	50	0	53	40	31	47	0	56	48
1	22	23	33	13	1	27	4	1	22	23	33	17	1	27	4
1	52	4	34	54	1	58	19	1	52	6	34	58	1	58	21
2	22	43	36	17	2	30	32	2	22	48	36	19	2	30	37
2	54	4	36	53	3	3	27	2	54	10	36	53	3	3	33
3	25	35	36	28	3	36	32	3	25	40	36	26	3	36	37
3	56	37	35	12	4	9	8	3	56	40	35	18	4	9	11
4	26	42	33	35	4	40	49	4	26	46	33	31	4	40	50
4	55	54	32	1	5	11	32	4	55	53	31	57	5	11	31
5	24	6	30	43	5	41	18	5	24	3	30	41	5	41	15
5	51	39	29	54	0	10	25	5	51	34	29	53	0	10	20

21								22							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	22	29	50	5	58	22	5	58	17	29	52	5	58	17
0	25	42	30	36	0	27	16	0	25	39	30	39	0	27	13
0	53	38	31	50	0	56	46	0	53	36	31	54	0	56	44
1	22	24	33	21	1	27	5	1	22	24	33	25	1	27	5
1	52	9	35	1	1	58	24	1	52	12	35	5	1	58	27
2	22	52	36	21	2	30	41	2	22	57	36	23	2	30	46
2	54	15	36	53	3	3	38	2	54	21	36	53	3	3	44
3	25	45	36	24	3	36	42	3	25	50	36	21	3	36	47
3	56	44	35	5	4	9	15	3	56	47	35	1	4	9	18
4	26	47	33	28	4	40	51	4	26	48	33	24	4	40	52
4	55	51	31	54	5	11	29	4	55	50	31	51	5	41	28
5	24	0	30	39	5	41	12	5	23	57	30	37	5	41	9
5	51	30	29	52	0	10	16	5	51	26	29	51	0	10	12

23								24							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	13	29	53	5	58	13	5	58	8	29	55	5	58	8
0	25	35	30	41	0	27	9	0	25	31	30	44	0	27	5
0	53	34	31	57	0	56	42	0	53	33	31	1	0	56	41
1	22	24	33	29	1	27	5	1	22	25	33	33	1	27	6
1	52	15	35	8	1	58	30	1	52	18	35	12	1	58	33
2	2	2	36	25	2	30	51	2	3	7	36	27	2	30	56
2	54	27	36	52	3	3	50	2	54	32	36	53	3	3	55
3	25	55	36	19	3	36	52	3	26	0	36	16	3	36	57
3	56	50	34	58	4	9	21	3	56	53	34	54	4	9	24
4	26	49	33	21	4	40	53	4	26	50	33	17	4	40	54
4	55	49	31	48	5	11	27	4	55	47	31	44	5	11	25
5	23	54	30	35	5	41	6	5	23	51	30	32	5	41	3
5	51	22	29	50	0	10	[illegible]	5	51	17	29	49	0	10	3

25								26							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	4	29	56	5	58	4	5	58	0	29	58	5	58	0
0	25	28	30	46	0	27	2	0	25	25	30	49	0	27	59
0	53	31	32	5	0	56	39	0	53	30	32	8	0	56	38
1	22	25	33	37	1	27	6	1	22	26	33	41	1	27	7
1	52	20	35	15	1	58	35	1	52	24	35	19	1	58	39
2	23	12	36	29	2	31	1	2	23	10	36	35	2	31	6
2	54	38	36	51	3	4	1	2	54	44	36	51	3	4	7
3	26	5	36	13	3	37	2	3	26	10	36	11	3	37	7
3	56	57	34	51	4	9	28	3	56	59	34	49	4	9	30
4	26	51	33	14	4	40	55	4	26	52	33	10	4	40	56
4	55	46	31	41	5	11	24	4	55	44	31	37	5	11	22
5	23	48	30	30	5	41	0	5	23	44	30	27	5	40	56
5	51	13	29	48	0	9	59	5	51	9	29	47	0	9	55

27								28							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	55	29	59	5	57	55	5	57	51	30	0	5	57	51
0	25	22	30	52	0	26	56	0	25	19	30	54	0	26	53
0	53	28	32	12	0	56	36	0	53	27	32	15	0	56	35
1	22	27	33	45	1	27	8	1	22	28	33	49	1	27	9
1	52	27	35	22	1	58	42	1	52	30	35	26	1	58	45
2	23	22	36	33	2	31	11	2	23	27	36	25	2	31	16
2	54	49	36	51	3	4	12	2	54	55	36	50	3	4	18
3	26	15	36	8	3	37	12	3	26	20	36	6	3	37	17
3	57	2	34	43	4	9	33	3	57	5	34	39	4	9	36
4	26	52	33	6	4	40	56	4	26	53	33	2	4	40	57
4	55	43	31	33	5	11	21	4	55	41	31	30	5	11	19
5	23	41	30	25	5	40	53	5	23	37	30	23	5	40	49
5	51	4	29	46	0	9	50	5	51	0	29	45	0	9	46

29										30							
Locus ad ☽ ho.					Arg.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	47	30	1	5	57	47	5	57	43	30	3	5	57	43
0	25	16	30	56	0	26	50	0	25	13	30	59	0	26	47
0	53	26	32	18	0	56	34	0	53	24	32	21	0	56	32
1	22	29	33	52	1	27	10	1	22	30	33	56	1	27	11
1	52	33	35	29	1	58	48	1	52	37	35	33	1	58	52
2	23	32	36	37	2	31	21	2	23	37	36	39	2	31	26
2	55	1	36	50	3	4	24	2	55	6	36	50	3	4	29
3	26	25	36	4	3	37	22	3	26	29	36	1	3	37	26
3	57	8	34	36	4	9	39	3	57	11	34	32	4	9	42
4	26	52	32	59	4	40	57	4	26	53	32	55	4	40	57
4	55	39	31	27	5	11	17	4	55	37	31	25	5	11	15
5	23	34	30	21	5	40	46	5	23	30	30	19	5	40	42
5	50	55	29	44	0	9	41	5	50	51	29	43	0	9	37

32								33							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	38	30	7	5	57	38	5	57	34	30	7	5	57	34
0	25	10	31	2	0	26	4	0	25	6	31	5	0	26	40
0	53	23	32	24	0	56	31	0	53	22	32	28	0	56	30
1	22	31	34	0	1	27	12	1	22	32	34	4	1	27	13
1	52	40	35	36	1	58	55	1	52	44	35	39	1	58	59
2	23	42	36	50	2	31	31	2	23	47	36	41	2	31	36
2	55	12	36	49	3	4	35	2	55	17	36	48	3	4	40
3	26	34	35	58	3	37	31	3	26	38	35	54	3	37	35
3	57	13	34	28	4	9	44	3	57	16	34	24	4	9	47
4	26	54	32	51	4	40	58	4	26	54	32	48	4	40	58
4	55	35	31	23	5	11	13	4	55	33	31	20	5	11	11
5	23	27	30	17	5	40	39	5	23	23	30	15	5	40	35
5	50	46	29	43	0	9	32	5	50	41	29	42	0	9	27

33								34							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	30	30	9	5	57	30	5	57	26	30	10	5	57	26
0	25	4	31	8	0	26	38	0	25	2	31	11	0	26	35
0	53	21	32	32	0	56	29	0	53	21	32	36	0	56	29
1	22	33	34	8	1	27	14	1	22	35	34	12	1	27	16
1	52	47	35	42	1	59	2	1	52	51	35	45	1	59	6
2	23	53	36	42	2	31	42	2	23	58	36	43	2	31	47
2	55	23	36	47	3	4	46	2	55	29	36	46	3	4	52
3	26	43	35	51	3	37	40	3	26	47	35	48	3	37	45
3	57	18	34	20	4	9	40	3	57	20	34	16	4	9	51
4	26	54	32	44	4	40	58	4	26	54	32	40	4	40	58
4	55	31	31	17	5	11	9	4	55	29	31	14	5	11	8
5	23	20	30	13	5	40	32	5	23	16	30	11	5	40	28
5	50	37	29	42	0	9	23	5	50	32	29	41	0	9	18

35								36							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	22	30	12	5	57	22	5	57	18	30	14	5	57	18
0	24	58	31	14	0	26	32	0	24	56	31	17	0	26	30
0	53	20	32	40	0	56	28	0	53	19	32	44	0	56	27
1	22	36	34	16	1	27	17	1	22	38	34	20	1	27	19
1	52	55	35	48	1	59	10	1	52	59	35	51	1	59	14
2	24	3	36	44	2	31	52	2	24	9	36	45	2	31	58
2	55	34	36	45	3	4	57	2	55	40	36	44	3	5	3
3	26	52	35	45	3	37	49	3	26	56	35	42	3	37	53
3	57	23	34	12	4	9	54	3	57	25	34	8	4	9	56
4	26	54	32	37	4	40	58	4	26	54	32	33	4	40	58
4	55	27	31	11	5	11	5	4	55	24	31	8	5	11	2
5	23	12	30	9	5	40	24	5	23	8	30	8	5	40	20
5	50	28	29	41	0	9	14	5	50	23	29	40	0	9	9

37								38							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	14	30	15	5	57	14	5	57	10	30	17	5	57	10
0	24	53	31	19	0	26	27	0	24	50	31	22	0	26	24
0	53	19	32	47	0	56	27	0	53	18	32	51	0	56	26
1	22	40	34	34	1	27	21	1	22	42	34	28	1	27	23
1	53	3	35	54	1	59	18	1	53	7	35	57	1	59	22
2	24	14	36	46	2	32	3	2	24	19	36	47	2	32	8
2	55	45	36	42	3	5	8	2	55	51	36	41	3	5	14
3	27	0	35	39	3	37	57	3	27	4	35	36	3	38	1
3	57	27	34	4	4	9	58	3	57	28	34	0	4	9	59
4	26	53	32	29	4	40	57	4	26	53	32	25	4	40	57
4	55	22	31	5	5	11	0	4	55	20	31	2	5	10	58
5	23	4	30	6	5	40	16	5	23	0	30	4	5	40	12
5	50	18	29	40	0	9	4	5	50	14	29	34	0	9	0

39								40							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	6	30	19	5	57	6	5	57	2	30	21	5	57	2
0	24	48	31	25	0	26	22	0	24	46	31	28	0	26	20
0	53	17	32	55	0	56	5	0	53	17	32	59	0	56	25
1	22	43	34	32	1	27	24	1	22	45	34	36	1	27	26
1	53	11	36	0	1	59	26	1	53	15	36	4	1	59	30
2	24	25	36	48	2	32	14	2	24	30	36	50	2	32	19
2	55	56	36	39	3	5	19	2	56	1	36	37	3	5	24
3	27	8	35	33	3	38	5	3	27	12	35	30	3	38	9
3	57	30	33	56	4	10	1	3	57	32	33	53	4	10	3
4	26	52	32	11	4	40	19	4	26	52	32	18	4	40	56
4	55	17	30	59	5	10	55	4	55	14	30	58	5	10	52
5	22	59	30	2	5	40	8	5	22	52	30	1	5	40	4
5	50	9	29	38	0	8	55	5	50	4	29	38	0	8	50

21								42							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	58	30	23	5	56	58	5	56	54	30	25	5	56	54
0	24	43	31	31	0	26	17	0	24	41	31	34	0	26	16
0	53	17	33	2	0	56	25	0	53	17	33	6	0	56	25
1	22	47	34	40	1	27	28	1	22	50	34	44	1	27	31
1	53	19	36	6	1	59	34	1	53	24	36	9	1	59	30
2	24	36	36	50	2	32	25	2	24	41	36	50	2	32	30
2	56	7	36	35	3	5	30	2	56	12	36	33	3	5	35
3	27	16	35	27	3	38	13	3	27	20	35	23	3	38	17
3	57	34	33	49	4	10	5	3	57	35	33	45	4	10	6
4	26	51	32	14	4	40	45	4	26	50	32	11	4	40	54
4	55	12	30	54	5	10	50	4	55	9	30	51	5	10	47
5	22	48	30	0	5	40	0	5	22	44	29	58	5	39	56
5	49	59	29	38	0	8	45	5	49	55	29	38	0	8	41

43								44							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	50	30	28	5	56	50	5	56	47	30	30	5	56	47
0	24	36	31	38	0	26	13	0	24	37	31	41	0	26	11
0	53	17	33	10	0	56	25	0	53	17	33	13	0	56	25
1	22	52	34	47	1	27	33	1	22	54	34	51	1	27	35
1	53	28	36	12	1	59	43	1	53	33	36	14	1	59	48
2	24	47	36	51	2	32	42	2	24	53	36	51	2	32	42
2	56	17	36	31	3	5	8	2	56	23	36	29	3	5	46
3	27	24	35	19	3	38	21	3	27	27	35	16	3	38	25
3	57	37	33	41	4	10	8	3	57	38	33	37	4	10	9
4	26	50	32	7	4	40	54	4	26	34	49	32	4	4	40
4	55	6	30	49	5	10	44	4	55	4	30	46	5	10	42
5	22	40	29	57	5	39	52	5	22	36	29	55	5	39	48
5	49	50	29	38	0	8	36	5	49	45	29	38	0	8	31

45								46							
Locus ad ☽. ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	43	30	31	5	56	43	5	56	44	30	33	5	56	40
0	24	35	31	44	0	26	4	0	24	33	31	47	0	26	7
0	53	18	33	18	0	56	26	0	53	18	33	21	0	56	26
1	22	57	34	54	1	27	38	1	22	59	34	58	1	27	40
1	53	37	36	17	1	59	52	1	53	41	36	19	1	59	57
2	24	58	36	51	2	32	47	2	25	4	36	52	2	32	53
2	56	28	36	27	3	5	51	2	56	33	36	22	3	5	56
3	27	31	35	22	3	38	28	3	27	34	35	9	3	38	32
3	57	39	33	33	4	10	10	3	57	40	33	29	4	10	11
4	26	48	34	1	4	40	52	4	26	47	31	57	4	40	34
4	55	1	30	44	5	10	39	4	54	57	30	41	5	14	35
5	22	32	29	54	5	39	44	5	22	27	29	53	5	39	39
5	49	41	29	38	0	8	27	5	49	36	29	38	0	8	22

47								48							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	36	30	35	5	56	36	5	56	33	30	38	5	56	33
0	24	31	31	50	0	26	5	0	24	29	31	53	0	26	3
0	53	18	33	24	0	56	26	0	53	16	33	28	0	56	27
1	22	2	35	1	1	27	43	1	23	5	35	5	1	27	46
1	53	46	36	21	2	0	1	1	53	51	36	24	2	0	6
2	25	9	36	52	2	32	58	2	25	15	36	52	2	33	4
2	56	38	36	23	3	6	4	2	56	43	36	21	3	6	6
3	27	38	35	5	3	38	35	3	27	41	35	1	3	38	38
3	57	41	33	25	4	10	12	3	57	42	33	21	4	10	13
4	26	45	31	54	4	40	49	4	26	44	31	50	4	40	48
4	54	54	30	39	5	10	32	4	54	51	30	36	5	10	29
5	22	23	29	52	5	39	35	5	22	19	29	51	5	39	31
5	49	31	29	38	0	8	17	5	49	27	29	38	0	8	13

49								50							
Locus ad.					Arg.			Locus ad					Arg.		
☽ ho.					lati.			☾ ho.					lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
5	56	29	30	40	5	56	29	5	56	26	30	43	5	56	26
0	24	27	31	57	0	26	1	0	24	26	32	1	0	26	0
0	53	19	33	32	0	56	27	0	53	19	33	36	0	56	27
1	23	8	35	8	1	27	49	1	23	11	35	12	1	27	52
1	53	56	36	26	2	0	11	1	54	1	36	38	2	0	16
2	25	21	36	53	2	33	10	2	25	26	36	53	2	33	15
2	56	48	36	19	3	6	11	2	56	53	36	16	3	6	16
3	27	44	34	58	3	38	41	3	27	47	34	54	3	38	44
3	57	43	33	17	4	10	14	3	57	44	33	14	4	10	15
4	26	43	31	46	4	40	47	4	26	41	31	43	4	40	45
4	54	48	30	33	5	10	26	4	54	45	30	31	5	10	23
5	22	15	29	50	5	39	27	5	22	10	29	49	5	39	22
5	49	22	29	38	0	8	8	5	49	17	29	37	0	8	3

51								52							
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
5	56	22	30	46	5	56	22	5	56	19	30	49	5	56	19
0	24	24	32	4	0	25	58	0	24	23	32	8	0	25	57
0	53	20	33	40	0	56	28	0	53	21	33	44	0	56	29
1	23	13	35	15	1	27	54	1	23	16	35	19	1	27	57
1	54	6	36	30	2	0	21	1	54	11	36	31	2	0	26
2	25	32	36	52	2	33	21	2	25	38	36	52	2	33	27
2	56	58	36	14	2	6	21	2	56	3	36	11	3	6	26
3	27	51	34	51	3	38	48	3	27	53	34	47	3	38	50
3	57	45	33	10	4	10	16	3	57	45	33	6	4	10	16
4	26	40	31	40	4	40	44	4	26	38	31	37	4	40	42
4	54	41	30	29	5	10	20	4	54	38	30	27	5	10	16
5	22	6	29	48	5	39	18	5	22	5	29	47	5	39	14
5	49	12	29	37	5	7	58	5	49	7	21	37	0	7	53

53								54							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	16	30	52	5	56	16	5	56	13	30	54	5	56	13
0	24	21	32	11	0	22	55	0	24	20	32	15	0	25	54
0	53	22	33	48	0	56	30	0	53	23	33	52	0	56	31
1	23	20	35	22	1	28	1	1	23	23	35	26	1	28	4
1	54	16	36	33	2	0	31	1	54	21	36	30	2	0	36
2	25	43	36	51	2	33	32	2	25	49	36	50	2	33	38
2	57	8	36	9	3	6	31	2	57	13	36	6	3	6	36
3	27	56	34	43	3	38	53	3	27	59	34	39	3	38	56
3	57	46	33	2	4	10	17	3	57	46	32	58	4	10	17
4	26	37	31	34	4	40	41	4	26	35	31	31	4	40	39
4	54	35	30	25	5	10	13	4	54	31	30	23	5	10	9
5	21	57	29	46	5	39	9	5	21	53	29	45	5	39	5
5	49	1	29	38	0	7	49	5	48	58	29	38	0	7	44

55								56							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	10	30	57	5	56	10	5	56	7	31	0	5	56	7
0	24	19	32	19	0	25	53	0	24	17	32	23	0	25	51
0	53	24	33	56	0	56	32	0	53	25	34	0	0	56	33
1	23	26	35	30	1	28	7	1	23	30	35	33	1	28	11
1	54	26	36	36	2	0	41	1	54	31	36	37	2	0	46
2	25	55	36	49	2	33	44	2	26	0	36	49	2	33	49
2	57	18	36	4	3	6	41	2	57	22	36	1	3	6	45
3	2	2	34	35	3	38	59	3	28	5	34	31	3	39	2
3	57	46	32	54	4	10	17	3	57	47	32	51	4	10	18
4	26	33	31	27	4	40	37	4	26	31	31	24	4	40	35
4	54	28	30	21	5	10	6	4	54	24	30	19	5	10	2
5	21	48	29	44	5	39	0	5	21	44	29	43	5	38	56
5	48	53	29	39	0	7	39	5	48	49	29	39	0	7	35

57								58							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	4	31	3	5	56	4	5	56	0	31	6	5	56	0
0	24	16	32	26	0	25	50	0	24	15	32	30	0	25	49
0	53	26	34	3	0	56	34	0	53	27	34	7	0	56	35
1	23	33	35	37	1	28	14	1	23	37	35	40	1	28	18
1	54	36	36	39	1	0	51	1	54	41	36	40	2	0	56
2	26	6	36	48	2	33	55	2	26	11	36	48	2	34	0
2	57	27	35	58	2	6	50	2	57	31	35	55	3	6	54
3	28	7	34	27	3	39	4	3	28	10	34	23	3	39	7
3	57	47	32	47	3	10	18	3	57	47	32	43	4	10	18
4	26	29	31	21	4	40	33	4	26	27	31	18	4	40	31
4	54	21	30	17	4	9	59	4	54	17	30	15	5	9	55
5	21	39	29	42	5	38	51	5	21	34	29	41	5	38	46
5	48	44	29	40	5	7	30	5	48	39	29	40	0	7	25

59								60							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	58	31	9	5	55	58	5	55	55	31	11	5	55	55
0	24	14	32	33	0	25	48	0	24	14	32	36	0	25	48
0	53	29	34	11	0	56	37	0	53	30	34	15	0	56	38
1	23	40	35	43	1	28	21	1	23	44	35	46	1	28	25
1	54	47	36	42	2	1	2	1	54	52	36	44	2	1	7
2	26	17	36	47	2	34	6	2	26	23	36	46	2	34	12
2	57	36	35	52	3	6	59	2	57	40	35	49	3	7	3
3	28	12	34	19	3	39	9	3	28	14	34	15	3	39	11
3	57	47	32	39	4	10	18	3	57	47	32	36	4	10	18
4	26	25	31	15	4	40	29	4	26	23	31	13	4	40	27
4	54	14	30	13	5	9	52	4	54	10	30	11	5	9	48
5	21	30	29	40	5	38	42	5	21	25	29	39	5	38	37
5	48	35	29	41	0	7	22	5	48	30	29	41	0	7	16

61								62							
Locus ad ☽ ho.					Arg.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	52	31	14	5	55	52	5	55	50	31	17	5	55	50
0	24	13	32	40	0	25	47	0	24	12	32	44	0	25	46
0	53	32	34	19	0	56	40	0	53	34	34	22	0	56	42
1	23	48	35	49	1	28	29	1	23	52	35	52	1	28	33
1	54	57	36	45	2	1	13	1	55	3	36	46	2	1	18
2	26	28	36	45	2	34	17	2	26	34	36	43	2	34	23
2	57	45	35	46	3	7	8	2	57	49	35	42	3	7	12
3	28	17	34	11	3	39	14	3	28	19	34	7	3	39	16
3	57	47	32	32	4	10	18	3	57	46	32	29	4	10	17
4	26	21	31	10	5	40	25	4	26	18	31	7	4	40	22
4	54	6	30	10	5	9	44	4	54	2	30	8	5	9	40
5	21	21	29	39	5	38	33	5	21	16	29	39	5	38	28
5	48	25	29	41	0	7	11	5	48	20	29	42	0	7	6

63								64							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	47	31	20	5	55	47	5	55	44	31	22	5	55	44
0	24	12	32	47	0	25	46	0	24	11	32	51	0	25	45
0	53	35	34	26	0	56	44	0	53	37	34	30	0	56	45
1	23	56	35	55	1	28	37	1	24	0	35	58	1	28	41
1	55	8	36	47	2	1	23	1	55	13	36	48	2	1	28
2	26	39	36	42	2	34	28	2	26	43	36	40	2	34	34
2	57	53	35	39	3	7	16	2	57	57	35	35	3	7	20
3	28	21	34	3	3	39	18	3	28	22	33	59	3	39	19
3	57	46	32	26	4	10	17	3	57	45	32	23	4	10	16
4	26	16	31	4	4	40	20	4	26	14	31	1	4	40	18
4	53	58	30	7	5	9	36	4	53	54	30	5	5	9	32
5	21	11	29	39	5	38	23	5	21	7	29	39	5	38	19
5	48	36	29	43	0	7	2	5	48	11	29	44	0	6	57

65								66							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	42	31	25	5	55	42	5	55	40	31	28	5	55	40
0	24	11	32	55	0	25	45	0	24	10	32	58	0	25	44
0	53	39	34	34	0	56	47	0	53	41	34	38	0	56	49
1	24	4	36	0	1	28	45	1	24	8	36	3	1	28	49
1	55	19	36	48	2	1	34	1	55	24	36	49	2	1	39
2	26	58	36	38	2	34	39	2	26	55	36	37	2	34	44
2	58	1	35	32	3	7	24	2	58	5	35	28	3	7	28
3	28	24	33	55	3	37	21	3	28	26	33	51	3	39	23
3	57	45	32	19	4	10	16	3	57	44	32	16	4	10	15
4	26	11	30	58	4	40	15	4	26	8	30	55	4	40	12
4	53	50	30	4	5	9	28	4	53	46	30	2	5	9	24
5	21	2	29	39	5	38	14	5	20	57	29	39	5	38	9
5	48	6	29	45	0	6	52	5	48	2	29	46	0	6	48

67								68							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	37	31	31	5	55	35	5	55	37	31	34	5	55	35
0	24	10	33	2	0	25	44	0	24	10	33	6	0	25	44
0	53	44	34	42	0	56	52	0	53	46	34	46	0	56	54
1	24	12	36	6	1	28	53	1	24	17	36	9	1	28	58
1	55	30	36	50	2	1	45	1	55	35	36	50	2	1	50
2	27	1	36	36	2	34	50	2	27	6	36	34	2	34	55
2	58	9	35	25	3	7	32	2	58	13	35	21	3	7	36
3	28	28	33	47	3	39	25	3	28	29	33	43	3	39	27
3	57	43	32	12	4	10	14	3	57	43	32	9	4	10	19
4	26	6	30	52	4	40	10	4	26	3	30	49	4	40	7
4	53	42	30	1	5	9	20	4	53	38	29	59	5	9	16
5	20	52	29	39	5	38	4	5	20	48	29	39	5	38	0
5	47	57	29	47	0	6	43	5	47	53	29	48	0	6	39

69								70							
Locus ☽				ad ho.	Arg. lati.			Locus ☽				ad ho.	Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	33	31	37	5	55	33	5	55	31	31	40	5	55	31
0	24	10	33	10	0	25	44	0	24	10	33	14	0	25	44
0	53	48	34	50	0	56	56	0	53	51	34	54	0	56	59
1	24	21	36	12	1	29	2	1	24	26	36	14	1	29	7
1	55	41	36	51	2	1	56	1	55	47	36	52	2	2	2
2	27	11	36	32	2	35	0	2	27	17	36	30	2	35	6
2	58	17	35	18	3	7	40	2	58	24	35	15	3	7	43
3	28	31	33	39	3	39	28	3	28	32	33	34	3	39	29
3	57	42	32	5	4	10	13	3	54	41	32	1	4	10	12
4	2	0	30	46	4	49	4	4	25	58	30	44	4	40	2
4	53	34	29	57	5	9	12	4	53	30	29	56	5	9	8
5	20	43	29	39	5	37	55	5	20	28	29	38	5	37	50
5	47	48	29	49	0	6	34	5	47	43	29	50	0	6	29

71								72							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	29	31	40	5	55	29	5	55	27	31	47	5	55	27
0	24	10	33	18	0	25	44	0	24	11	33	22	0	25	45
0	53	53	34	58	0	57	1	0	53	56	35	2	0	57	4
1	24	30	36	16	1	29	11	1	24	35	36	18	1	29	16
1	55	52	36	52	2	2	7	1	55	58	36	52	2	2	13
2	27	22	36	28	2	35	11	2	27	27	36	26	2	35	16
2	58	24	35	12	3	7	47	2	58	27	35	8	3	7	50
3	28	33	33	32	3	39	30	3	28	34	33	29	3	39	31
3	57	40	31	57	4	10	11	3	57	38	31	54	4	10	9
4	25	55	30	41	4	39	59	4	25	51	30	39	4	39	55
4	53	26	29	54	5	9	4	4	53	21	29	53	5	8	59
5	20	34	29	38	5	37	46	5	20	29	29	38	5	37	41
5	47	39	29	51	0	6	25	5	47	34	29	52	0	6	20

73								74							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	25	31	50	5	55	25	5	55	23	31	54	5	55	23
0	24	11	33	26	0	25	45	0	24	11	33	30	0	25	45
0	53	59	35	6	0	57	7	0	54	2	35	10	0	57	10
1	24	39	36	21	1	29	20	1	24	44	36	23	1	29	25
1	56	3	36	52	2	2	18	1	56	9	36	52	2	2	24
2	27	32	36	23	2	35	21	2	27	37	36	20	2	35	26
2	58	31	35	5	3	7	54	2	58	34	35	1	3	7	57
3	28	35	33	25	3	39	32	3	28	36	33	21	3	39	33
3	57	37	31	51	4	10	8	3	57	36	31	47	4	10	7
4	25	48	30	37	4	39	52	4	25	45	30	35	4	39	49
4	53	17	29	52	5	8	55	4	53	13	29	51	5	8	51
5	20	24	29	38	5	37	36	5	20	20	29	38	5	37	32
5	47	30	29	54	0	6	16	5	47	25	29	55	0	6	11

75								76							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	21	31	58	5	55	21	5	55	20	32	2	5	55	20
0	24	12	33	34	0	25	46	0	24	12	33	38	0	25	46
0	54	5	35	13	0	57	13	0	54	7	35	17	0	57	15
1	24	49	36	25	1	29	29	1	24	54	36	27	1	29	35
1	56	15	36	52	2	2	30	1	56	20	36	52	2	2	35
2	27	42	36	18	2	35	31	2	27	47	36	15	2	35	36
2	58	37	34	58	3	8	0	2	58	40	34	55	3	8	3
3	28	37	33	18	3	39	34	3	28	38	33	14	3	39	35
3	57	34	31	44	4	10	5	3	57	33	31	40	4	10	4
4	26	42	30	33	4	39	46	4	25	39	30	31	4	39	43
4	53	9	29	50	5	8	47	4	53	4	29	40	5	8	42
5	20	15	29	38	5	37	27	5	20	10	29	38	5	37	22
5	47	21	29	56	0	6	7	5	47	17	29	57	0	6	3

77								78							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	18	32	6	5	55	18	5	55	17	32	9	5	55	17
0	24	13	33	42	0	25	47	0	24	14	33	46	0	25	48
0	54	11	35	21	0	57	19	0	54	14	35	24	0	57	22
1	24	59	36	29	1	29	40	1	25	4	36	31	1	29	45
1	56	26	36	52	2	2	41	1	56	32	36	51	2	2	27
2	27	52	36	13	2	35	41	2	27	57	36	11	2	35	46
2	58	44	34	51	3	8	6	2	58	46	34	47	3	8	9
3	57	31	31	37	4	10	2	3	57	30	31	34	4	10	1
3	28	39	33	10	3	39	36	3	28	39	33	7	3	39	36
4	57	31	31	37	4	10	2	3	57	30	31	34	4	10	1
4	25	36	30	28	4	39	40	4	25	32	30	27	4	39	36
5	20	5	29	38	5	37	19	5	20	0	29	38	5	37	12
5	47	12	29	58	0	5	58	5	47	8	29	59	0	5	50

79								80							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	15	32	11	5	55	15	5	55	14	32	14	5	55	14
0	24	15	33	49	0	25	49	0	24	16	33	50	0	25	50
0	54	17	32	27	0	57	25	0	54	20	35	30	0	57	28
1	25	9	36	33	1	29	50	1	25	14	36	35	1	29	55
1	56	37	36	51	2	2	52	1	56	43	36	51	2	2	58
2	27	2	36	8	2	35	51	2	28	7	36	6	2	35	56
2	58	49	34	44	3	8	12	2	58	52	34	40	3	8	15
3	28	40	33	3	3	39	37	3	28	40	32	59	3	39	37
3	57	28	31	31	4	2	59	3	57	26	31	28	4	9	57
4	25	29	30	25	4	39	33	4	25	25	30	23	4	37	29
4	52	51	29	46	5	8	29	4	52	47	29	45	5	8	25
5	19	56	29	38	5	37	8	5	19	51	29	38	5	37	3
5	47	4	30	1	0	5	50	5	47	0	30	3	0	5	46

81								82							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m̃	m̃	2	S	g	m̃	S	g	m̃	m̃	2	S	g	m̃
5	55	13	32	17	5	55	13	5	55	11	32	21	5	55	11
0	24	17	33	57	0	25	51	0	24	18	34	0	0	25	52
0	54	24	35	33	0	57	32	0	54	27	35	36	0	57	35
1	25	19	36	36	1	30	0	1	25	24	36	37	1	30	5
1	56	49	36	50	2	3	4	1	56	54	36	49	2	3	9
2	28	12	36	3	2	36	1	2	28	16	36	0	2	39	5
2	58	55	36	34	3	8	18	2	58	58	34	32	3	8	21
3	28	40	32	55	3	39	37	3	28	41	32	52	3	39	38
3	57	24	31	25	4	9	55	3	57	22	31	22	4	9	53
4	25	22	30	21	4	39	26	4	25	18	30	19	4	39	22
4	52	42	39	44	5	8	29	4	52	38	29	43	5	8	16
5	19	46	29	38	5	36	58	5	19	42	29	39	5	36	54
5	46	55	30	4	0	5	41	5	46	51	30	6	0	5	37

83								84							
S	g	m̃	m̃	2	S	g	m̃	S	g	m̃	m̃	2	S	g	m̃
5	55	10	32	25	5	55	10	5	55	9	32	29	5	55	9
0	24	19	34	4	0	25	53	0	24	20	34	8	0	25	54
0	54	31	35	39	0	57	39	0	54	34	35	42	0	57	42
1	25	29	36	39	1	30	10	1	25	34	36	40	1	30	15
1	57	0	36	48	2	3	15	1	57	5	36	47	2	3	20
2	28	21	35	57	2	36	10	2	28	25	35	54	2	36	14
2	59	0	34	28	3	8	23	2	59	3	34	24	3	8	26
3	28	41	32	48	3	39	38	3	28	41	32	44	3	39	38
3	57	20	31	19	4	9	51	3	57	18	31	16	4	9	49
4	25	15	30	18	4	39	19	4	25	11	30	16	4	39	15
4	52	33	29	42	5	8	11	4	52	28	29	41	5	8	7
5	19	37	29	39	5	36	49	5	19	32	29	40	5	36	49
5	46	47	30	7	0	5	33	5	46	43	30	9	0	5	29

85								86							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	8	32	33	5	55	8	5	55	8	32	36	5	55	8
0	24	21	34	12	0	25	55	0	24	23	34	16	0	25	57
0	54	38	35	45	0	57	46	0	54	42	35	48	0	57	50
1	25	40	36	42	1	30	21	1	25	45	36	43	1	30	26
1	57	11	36	46	2	3	26	1	57	17	36	44	2	3	32
2	28	30	35	51	2	36	19	2	28	34	35	48	2	36	23
2	59	5	34	20	3	8	28	2	59	7	34	16	3	8	30
3	28	8	32	40	3	39	38	3	28	41	32	36	3	39	38
3	57	16	31	13	4	9	47	3	57	14	31	10	4	9	45
4	25	8	30	14	4	39	12	4	25	4	30	13	4	39	8
4	52	24	29	41	5	8	2	4	52	19	29	40	5	7	57
5	19	28	29	40	5	36	40	5	19	23	29	41	5	36	35
5	46	39	30	11	0	5	25	5	46	35	30	13	0	5	21

87								88							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	7	32	40	5	55	7	5	55	6	32	43	5	55	6
0	24	25	34	20	0	25	59	0	24	27	34	24	0	26	1
0	54	46	35	51	0	57	54	0	54	50	35	54	0	57	58
1	25	50	36	45	1	30	31	1	25	56	36	46	1	30	37
1	57	22	36	43	2	3	37	1	57	28	36	42	2	3	43
2	28	39	35	45	2	36	28	2	28	43	35	42	2	36	32
2	59	10	34	12	3	8	33	2	59	12	34	8	3	8	35
3	28	41	32	32	3	39	38	3	28	40	32	28	3	39	37
3	57	11	31	11	4	9	42	3	57	9	31	4	4	9	40
4	25	0	30	11	4	39	4	4	24	56	30	9	4	39	0
4	52	15	29	40	5	7	53	4	52	10	29	39	5	7	48
5	19	18	29	41	5	36	30	5	19	13	29	42	5	36	25
5	46	31	30	15	0	5	17	5	46	27	30	17	0	5	13

89								90							
Locus ad					Arg.			Locus ad					Arg.		
☽		ho.			lati.			☽		ho.			lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	6	32	47	5	55	6	5	55	5	32	39	5	55	5
0	24	29	34	28	0	26	3	0	24	30	34	32	0	26	4
0	54	54	35	57	0	58	2	0	54	58	36	0	0	58	6
1	26	1	36	48	1	30	42	1	26	6	36	49	1	30	47
1	57	33	36	41	1	0	48	1	57	39	36	40	2	3	54
2	28	47	35	39	2	36	36	2	28	51	35	36	2	36	40
2	59	14	34	4	3	8	37	2	59	16	34	1	3	8	39
3	28	40	32	24	3	39	37	3	28	39	32	21	3	39	36
3	57	7	31	1	4	9	38	3	57	4	30	59	4	9	35
4	24	52	30	7	4	38	56	4	24	48	30	6	4	38	52
4	52	5	29	39	5	7	43	4	52	1	29	38	5	7	39
5	19	9	29	42	5	36	21	5	19	4	29	44	5	36	16
	46	3 3	30	19	0	5	9	5	46	19	30	21	0	5	55

91								92							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	5	32	55	5	55	5	5	55	4	32	58	5	55	4
0	24	32	34	36	0	26	6	0	24	34	34	39	0	26	8
0	55	2	36	3	0	58	10	0	55	6	36	5	8	58	14
1	26	12	36	49	1	30	53	1	26	17	36	50	1	30	58
1	57	44	36	39	2	3	59	1	57	49	36	37	2	4	4
2	28	55	35	33	2	36	[illegible]4	2	28	59	35	29	-	36	48
2	59	17	33	57	3	8	40	2	59	19	33	53	3	8	42
3	28	39	32	17	3	39	36	3	29	38	32	13	3	39	35
3	57	1	30	57	4	39	32	3	56	59	30	54	4	9	30
4	24	44	30	5	4	38	48	4	24	40	30	3	4	38	44
4	51	56	29	38	5	7	34	4	51	51	29	38	5	7	29
5	18	59	29	45	5	36	11	5	18	55	29	47	5	36	5
5	46	15	30	23	0	5	1	5	46	11	30	25	0	4	57

93								44							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	4	33	2	5	55	4	5	55	4	33	6	5	55	4
0	24	37	34	43	0	26	11	0	24	39	34	46	0	26	13
0	55	11	36	8	0	58	19	0	55	15	33	10	0	58	24
1	26	23	36	50	1	31	4	1	26	28	36	51	1	31	9
1	57	55	36	35	1	4	10	1	58	0	36	33	1	4	15
2	29	3	35	26	2	36	52	2	29	7	35	22	2	36	56
2	59	21	33	49	2	8	44	2	59	22	33	45	3	8	45
3	28	37	32	9	3	39	34	3	28	37	32	6	3	39	34
3	57	56	30	52	3	9	27	3	56	53	30	49	4	9	24
4	24	36	30	2	4	38	40	4	24	32	30	1	4	38	36
4	51	46	29	38	4	7	24	4	51	42	29	37	5	8	20
5	18	50	29	48	5	36	2	5	18	46	29	50	5	36	58
5	46	7	30	27	5	4	53	5	46	5	30	29	0	4	50

95								96							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	4	33	10	5	55	4	5	55	4	33	14	5	55	4
0	24	41	34	49	0	26	15	0	24	44	34	53	0	26	18
0	55	20	36	13	0	58	28	0	55	24	36	15	0	58	32
1	26	34	36	51	1	31	15	1	26	40	36	51	1	31	21
1	58	5	36	31	2	4	20	1	58	11	36	29	2	4	26
2	29	11	35	19	2	37	0	2	29	14	35	15	2	37	3
2	59	24	33	41	3	8	47	2	59	25	33	36	3	8	48
3	28	36	32	3	3	39	33	3	28	35	32	0	3	39	32
3	56	51	30	47	4	9	22	3	56	48	30	44	4	9	19
4	24	28	30	0	4	38	32	4	24	24	29	58	4	38	28
4	51	37	29	37	5	7	15	4	51	32	29	37	5	7	10
5	18	41	29	51	5	35	53	5	18	36	29	53	5	35	48
5	46	1	30	32	0	4	46	5	45	57	30	34	0	4	43

97								98							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	4	33	17	5	55	4	5	55	5	33	21	5	55	5
0	24	46	34	57	0	26	20	0	24	49	34	9	0	26	23
0	55	29	36	18	0	58	37	0	55	33	36	30	0	58	41
1	26	45	36	52	1	31	26	1	26	51	36	52	1	31	32
1	58	16	36	27	2	4	31	1	58	21	36	25	2	4	36
2	29	18	35	12	2	37	7	2	29	21	35	8	2	37	10
2	59	26	33	33	3	8	49	2	59	27	33	28	3	8	50
3	28	34	31	57	3	39	31	3	28	32	31	53	3	39	29
3	56	44	30	42	4	9	15	3	56	41	30	39	4	9	12
4	24	20	29	57	4	38	24	4	24	15	29	55	4	38	19
4	51	28	29	39	5	7	6	4	51	23	29	36	5	7	1
5	18	32	29	56	5	35	44	5	18	27	29	58	5	35	39
5	45	53	30	36	0	4	39	5	45	50	30	38	0	4	36

99								100							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	5	33	24	5	55	5	5	55	5	33	28	5	55	5
0	24	52	35	4	0	26	26	0	24	55	3	58	0	26	29
0	55	38	36	23	0	58	47	0	55	43	36	26	0	58	51
1	26	56	53	53	1	31	37	1	27	2	36	53	1	31	43
1	58	26	36	23	2	4	41	1	58	31	36	21	2	4	46
2	29	25	35	5	2	37	14	2	29	28	35	1	2	37	10
2	59	28	33	24	3	8	51	2	59	29	33	20	3	8	52
3	28	31	31	50	3	39	28	3	28	30	31	47	3	39	27
3	56	38	30	37	4	9	9	3	56	35	30	34	4	9	6
4	24	11	29	53	4	38	15	4	24	7	29	51	4	38	11
4	51	18	29	36	5	6	56	4	51	14	29	36	5	6	52
5	18	23	29	57	5	35	35	5	18	18	29	59	5	35	30
5	45	46	30	44	0	4	32	5	45	43	30	43	0	4	29

101								102							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	6	33	32	5	55	6	5	55	6	33	35	5	55	6
0	24	58	35	11	0	26	32	0	25	0	35	15	0	26	36
0	55	48	36	28	0	58	56	0	55	53	36	30	0	59	1
1	27	8	36	52	1	31	49	1	27	13	36	52	1	31	54
1	58	36	36	19	2	4	51	1	58	41	36	16	2	4	57
2	29	31	34	58	2	37	20	2	29	34	34	54	2	37	23
2	59	30	33	16	3	8	53	2	59	31	33	12	3	8	54
3	28	28	31	43	3	39	25	3	28	27	31	40	3	39	29
3	56	32	30	31	4	9	3	3	56	29	30	29	4	9	0
4	24	3	29	50	4	38	7	4	23	58	29	49	4	38	2
4	51	9	29	36	5	6	47	4	51	4	29	36	5	6	42
5	18	14	30	1	5	35	26	5	18	10	30	2	5	35	22
5	45	39	30	45	0	4	22	5	45	36	30	47	0	4	22

103								104							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	7	33	39	5	55	7	5	55	8	33	43	5	55	8
0	25	4	35	18	0	26	30	0	25	7	35	22	0	26	41
0	55	58	36	32	0	59	6	0	56	3	36	33	0	59	11
1	27	19	36	51	1	32	0	1	27	25	36	51	1	32	6
1	58	46	36	14	2	5	2	1	58	51	36	11	2	5	6
2	29	38	34	50	2	37	26	2	29	40	34	47	2	37	29
2	59	32	33	9	3	8	55	2	59	32	33	5	3	8	55
3	28	25	31	36	3	39	22	3	28	24	31	33	3	39	21
3	56	25	30	27	4	8	56	3	56	22	30	35	4	8	53
4	23	54	29	48	4	37	58	4	23	50	29	47	4	37	54
4	50	59	29	37	5	6	37	4	50	54	29	39	5	6	32
5	18	5	30	3	5	35	17	5	18	1	30	4	5	35	13
5	45	33	30	51	0	4	19	5	45	30	30	54	0	4	16

105								106							
Locus ad ☽ ho.					Arg.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	9	33	47	5	55	9	5	55	10	33	51	5	55	10
0	25	10	35	25	0	26	44	0	25	13	35	28	0	26	47
0	56	8	36	35	0	59	16	0	56	13	36	36	0	59	21
1	27	30	36	50	1	32	11	1	27	36	36	50	1	32	17
1	58	56	36	9	1	5	11	1	59	1	36	6	2	5	16
2	29	43	34	43	2	37	32	2	29	46	34	40	2	37	35
2	59	33	33	1	2	8	56	2	59	33	32	57	3	8	56
3	28	22	31	30	3	39	19	3	28	20	31	27	3	39	17
3	56	18	30	23	3	8	49	3	56	15	30	21	4	8	46
4	23	45	29	46	4	37	49	4	23	41	25	45	4	37	45
4	50	50	29	38	4	6	28	4	50	45	29	38	5	6	23
5	17	57	30	5	5	35	9	5	17	53	30	6	5	35	5
5	45	27	30	57	5	4	13	5	45	24	31	0	0	4	10

107								108							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	11	35	55	5	55	11	5	55	12	33	54	5	55	12
0	25	17	35	32	0	26	51	0	25	20	35	35	0	26	54
0	56	18	36	37	0	59	25	0	56	23	36	31	0	59	31
1	27	42	36	51	1	32	23	1	27	47	36	49	1	32	28
1	59	6	36	3	2	5	21	1	59	10	36	1	2	5	25
2	29	49	34	36	2	37	38	2	29	52	34	32	2	37	41
2	59	33	32	54	3	8	56	2	59	34	32	50	3	8	57
3	28	18	31	24	3	39	15	3	28	16	31	21	3	39	13
3	56	11	30	19	4	8	42	3	56	8	30	17	4	8	39
4	23	36	29	44	4	37	40	4	23	32	29	43	4	37	36
4	50	40	29	39	5	6	18	4	50	36	29	39	5	6	14
5	17	48	30	7	5	35	0	5	17	44	30	8	5	34	56
5	45	21	31	3	0	4	7	5	45	17	31	6	0	4	4

109								110							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	13	34	3	5	55	13	5	55	14	34	7	5	55	14
0	25	24	35	39	0	26	58	0	25	27	35	43	0	27	1
0	56	28	36	41	0	59	36	0	56	34	36	43	0	59	42
1	27	53	36	49	1	32	34	1	27	58	36	48	1	32	39
1	59	15	35	58	2	5	30	1	59	19	35	55	2	5	34
2	29	54	34	26	2	37	43	2	29	57	34	24	2	37	46
2	59	34	32	46	3	8	57	2	59	34	32	33	3	8	57
3	28	14	31	18	3	39	11	3	28	12	31	15	3	39	9
3	56	4	30	13	4	8	35	3	56	1	30	13	4	8	32
4	23	27	29	42	4	37	31	4	23	22	29	40	4	37	26
4	50	31	29	40	5	6	9	4	50	26	29	40	5	6	4
5	17	40	30	8	5	34	52	5	17	36	30	9	5	34	48
5	45	15	31	8	0	4	1	5	45	12	31	11	0	3	58

111								112							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	16	34	11	5	55	16	5	55	17	34	15	5	55	17
0	25	31	35	46	0	27	5	0	25	35	35	49	0	27	9
0	56	39	36	44	0	59	47	0	56	44	36	45	0	59	52
1	28	4	36	47	1	32	45	1	28	10	36	46	1	32	51
1	59	24	35	52	2	5	39	1	59	28	35	49	2	5	43
2	29	59	34	21	2	37	48	2	30	1	34	17	2	37	50
2	59	34	32	39	3	8	57	2	59	34	32	35	3	8	57
3	28	10	31	12	3	39	7	3	28	8	31	9	3	39	5
3	55	50	30	11	4	8	29	3	55	53	30	10	4	8	24
4	23	18	29	41	4	37	23	4	23	13	29	40	4	37	17
4	50	22	29	41	5	6	0	4	50	17	29	41	5	5	55
5	17	32	30	11	5	34	44	5	17	28	30	13	5	34	40
5	45	9	31	14	0	3	55	5	45	7	31	17	0	3	52

113							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	55	19	34	19	5	55	19
0	25	39	35	52	0	27	13
0	56	50	36	46	0	59	58
1	28	15	36	44	1	32	56
2	59	33	35	46	2	5	48
2	30	4	34	13	2	37	53
2	59	34	32	32	3	8	57
3	28	5	31	6	3	39	2
3	55	49	30	8	4	8	20
4	23	9	29	40	4	37	13
4	50	12	29	42	5	5	50
5	17	24	30	15	5	34	36
5	45	4	31	19	0	3	50

114							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	55	21	34	23	5	55	21
0	25	43	35	55	0	27	17
0	56	55	36	47	1	0	3
1	28	21	36	43	1	33	2
1	59	37	35	42	2	5	52
2	30	6	34	9	2	37	55
2	59	33	32	28	3	8	56
3	28	3	31	4	3	39	0
3	55	45	30	6	4	8	16
4	23	4	29	39	4	37	8
4	50	7	29	42	5	5	45
5	17	20	30	17	5	34	32
5	45	1	31	22	0	3	47

115							
S	g	m	m	2	S	g	m
5	55	23	34	27	5	55	23
0	25	47	35	58	0	27	21
0	57	0	36	48	1	0	8
1	28	26	36	41	1	33	7
1	59	41	35	39	2	5	56
2	30	8	34	5	2	37	57
2	59	33	32	24	3	8	56
3	28	3	31	1	3	38	58
3	55	41	30	5	4	8	12
4	22	59	29	39	4	37	3
4	50	3	29	43	5	5	41
5	17	16	30	19	5	34	28
5	44	59	31	25	0	3	45

116							
S	g	m	m	2	S	g	m
5	55	24	34	31	5	55	24
0	25	51	36	1	0	27	25
0	57	7	36	49	1	0	14
1	28	32	36	40	1	33	13
1	59	45	35	36	2	6	0
2	30	10	34	1	2	37	59
2	59	32	32	23	3	8	55
3	27	58	30	59	3	38	55
3	55	37	30	3	4	8	8
4	22	55	29	38	4	36	29
4	49	58	29	44	5	5	36
5	17	22	30	21	5	34	24
5	44	57	31	28	0	3	43

117								118							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	26	34	35	5	55	26	5	55	28	34	39	5	55	28
0	25	55	36	4	0	27	29	0	25	59	36	6	0	27	33
0	57	11	36	50	1	0	19	0	57	17	36	51	1	0	25
1	28	37	36	38	1	33	18	1	27	42	36	37	1	33	23
1	59	49	35	33	2	6	4	1	59	53	35	29	2	6	8
2	30	11	3	57	2	38	0	2	30	13	33	53	2	38	2
2	59	32	32	17	3	8	55	2	59	31	32	14	3	8	54
3	27	55	30	55	3	38	52	3	27	53	30	57	3	38	50
3	55	30	30	2	4	8	4	3	55	29	30	6	4	8	0
4	22	50	29	38	4	36	54	4	22	45	29	37	4	36	49
4	49	53	29	45	5	5	31	4	49	49	29	46	5	5	27
5	17	8	30	23	5	34	20	5	17	4	30	25	5	34	16
5	44	54	31	31	0	3	40	5	44	53	31	34	0	3	38

119								120							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	31	34	43	5	55	31	5	55	33	34	47	5	55	33
0	26	4	36	9	0	27	38	0	26	8	36	11	0	27	42
0	57	22	36	52	1	0	30	0	57	28	36	52	1	0	36
1	28	48	36	35	1	33	29	1	28	53	36	34	1	33	34
1	59	57	35	26	2	6	12	1	50	1	35	23	2	6	16
2	30	15	33	49	2	38	4	2	30	16	33	45	2	38	5
2	59	30	32	19	3	8	53	2	59	30	32	7	3	8	52
3	20	50	30	51	3	38	47	3	27	47	30	48	3	38	44
3	55	25	39	59	4	7	56	3	55	21	29	57	4	7	52
4	22	40	29	39	4	36	44	4	22	36	29	36	4	36	40
4	49	40	39	47	5	5	22	4	49	40	29	48	5	5	18
5	17	0	30	27	5	34	12	5	16	57	30	29	5	34	9
5	44	50	31	37	0	3	36	5	44	48	31	40	0	3	34

125								126							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	35	34	54	5	55	35	5	55	38	34	54	5	55	38
0	26	13	36	14	0	27	47	0	26	17	36	16	0	27	51
0	57	34	36	52	1	0	42	0	57	36	36	52	1	4	47
1	28	58	36	32	1	33	39	1	29	4	36	30	1	33	45
1	0	5	35	20	2	6	20	2	0	8	35	16	2	6	23
2	30	18	33	41	2	38	7	2	30	19	33	37	2	38	8
2	59	29	32	3	3	8	52	2	59	28	32	0	3	8	51
3	27	45	30	45	3	38	42	3	27	41	30	43	3	38	38
3	55	17	29	55	4	7	48	3	55	13	29	54	4	7	44
4	22	31	29	36	4	36	35	4	22	26	29	36	4	36	30
4	49	35	29	45	5	5	13	4	49	30	29	50	5	5	8
5	16	53	30	31	5	34	5	5	16	50	30	33	5	34	2
5	44	46	31	43	0	3	32	5	44	44	31	46	0	3	30

127								128							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	40	34	57	5	55	40	5	55	43	35	1	5	55	43
0	26	22	36	18	0	27	56	0	26	26	36	50	0	28	0
0	54	45	36	52	1	0	53	0	57	50	36	52	1	0	58
1	29	9	36	27	1	33	50	1	24	14	39	25	1	33	55
2	0	12	35	13	2	6	27	2	0	15	35	9	2	6	30
2	30	20	33	33	2	38	9	2	30	21	33	29	2	38	10
2	59	27	31	57	3	8	50	2	59	25	31	53	3	8	48
3	27	38	30	40	3	38	35	3	27	35	30	38	3	38	2
3	55	8	29	52	4	7	39	3	55	4	29	50	4	7	35
4	22	22	29	36	4	36	26	4	22	17	29	36	4	36	21
4	49	26	29	51	5	5	4	4	49	21	29	52	5	4	59
5	16	46	30	36	5	33	58	5	16	43	30	38	5	33	55
5	44	42	31	49	0	3	28	5	44	40	31	53	0	3	23

121								122							
Locus ☽ ad ho.					Arg.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	46	35	4	5	55	46	5	55	49	35	8	5	55	49
0	26	31	36	23	0	28	5	0	26	36	36	25	0	28	10
0	57	56	36	52	1	1	4	0	58	2	36	52	1	1	10
1	29	19	36	23	1	34	0	1	29	24	36	20	1	34	5
2	0	19	35	6	2	6	34	2	0	22	35	2	2	6	37
2	30	22	33	25	2	38	11	2	30	23	33	21	2	38	12
2	59	24	31	49	3	8	47	2	59	23	31	46	3	8	46
3	27	32	30	35	3	38	29	3	27	29	30	33	3	38	26
3	55	0	29	49	4	7	31	3	54	56	29	48	4	7	27
4	22	12	29	37	4	36	16	4	22	8	29	37	4	36	12
4	49	17	29	53	5	4	55	4	49	12	29	54	5	4	50
5	16	39	30	40	5	33	51	5	16	36	30	42	5	33	48
5	44	38	31	57	0	3	24	5	44	37	32	0	0	3	23

123								124							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	52	35	11	5	55	52	5	55	54	35	15	5	55	5
0	26	41	36	27	0	28	15	0	26	46	36	29	0	28	20
0	58	7	36	51	1	15	13	0	58	13	36	51	1	1	21
1	29	29	36	18	1	34	10	1	29	34	36	16	1	34	15
2	0	25	34	58	2	6	40	2	0	28	34	55	2	6	43
2	30	24	33	17	2	38	13	2	30	25	33	13	2	38	14
2	59	21	31	43	3	8	44	2	59	20	31	40	3	8	43
3	27	26	30	31	3	38	23	3	27	23	30	27	3	38	20
3	54	51	29	47	4	7	22	3	54	47	29	46	4	7	18
4	22	3	29	37	4	36	7	4	21	58	29	37	4	36	2
4	49	8	29	56	5	4	46	4	49	4	29	57	5	4	42
5	16	32	30	44	5	33	44	5	16	29	30	47	5	33	41
5	44	35	32	4	0	3	21	5	44	34	32	7	0	3	20

129								130							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	55	57	35	19	5	55	57	5	56	1	35	23	5	56	1
0	26	51	36	32	0	28	25	0	26	56	36	34	0	28	30
0	58	19	36	51	1	1	27	0	58	24	36	51	1	1	32
1	29	39	36	14	1	34	20	1	29	44	36	11	1	34	25
1	0	32	34	51	2	6	47	2	0	34	34	47	2	6	49
2	30	26	33	9	2	38	15	2	30	26	33	6	2	38	15
2	59	18	31	37	3	8	41	2	59	17	31	34	3	8	40
3	27	19	30	27	3	38	16	3	27	16	30	25	3	38	13
3	54	43	29	45	4	7	14	3	54	40	29	45	4	7	11
4	21	53	29	37	4	36	57	4	21	48	29	38	4	35	52
4	48	59	29	58	5	4	37	4	48	55	30	0	5	4	33
5	16	26	30	50	5	33	38	5	16	23	30	53	5	33	35
5	44	[illegible]	32	11	0	3	18	5	44	31	32	14	0	3	17

131								132							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	4	35	26	5	56	4	5	56	7	35	29	5	55	7
0	27	1	36	35	0	28	35	0	27	6	36	36	0	28	40
0	58	30	36	50	1	1	38	0	58	36	36	49	1	1	44
1	29	49	36	9	1	34	30	1	29	54	36	7	1	34	35
2	0	37	34	43	2	6	52	2	0	40	34	39	2	6	55
2	30	27	33	3	2	38	16	2	30	57	33	0	2	38	16
2	59	15	31	31	3	8	38	2	59	13	31	28	3	8	36
3	27	12	30	23	3	38	9	3	27	9	30	21	3	38	6
3	54	34	29	44	4	7	5	3	54	29	29	44	4	7	0
4	21	44	29	38	4	35	48	4	21	39	29	38	4	35	43
4	48	51	31	1	5	4	29	4	48	47	30	2	5	4	25
5	16	20	30	55	5	33	32	5	16	17	30	58	5	33	29
5	44	30	32	18	0	3	16	5	44	28	32	22	0	3	14

133								134							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	11	35	33	5	56	11	5	56	14	35	36	5	56	14
0	27	11	36	38	0	28	45	0	27	16	36	39	0	28	50
0	58	41	36	48	1	1	49	0	58	47	36	47	1	1	55
1	29	59	36	4	1	34	40	1	30	3	36	2	1	34	44
2	0	43	34	35	2	6	58	2	0	46	34	32	2	7	1
2	30	27	32	56	2	38	16	2	30	28	32	22	2	38	17
2	59	11	31	25	3	8	34	2	59	9	31	22	3	8	32
3	27	5	30	19	3	38	2	3	27	2	30	17	3	37	59
3	54	25	29	43	4	6	56	3	54	20	29	43	4	6	51
4	21	34	29	39	4	35	38	4	21	30	29	39	4	35	34
4	48	43	30	4	5	4	20	4	48	38	30	5	5	4	16
5	16	14	31	1	5	33	26	5	16	10	31	4	5	33	23
5	44	27	32	25	0	3	33	5	44	26	32	29	0	3	12

135								136							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	18	35	39	5	56	18	5	56	21	35	44	5	56	21
0	27	21	36	41	0	28	55	0	27	27	36	44	0	29	1
0	58	52	36	46	1	2	0	0	58	58	36	45	1	2	6
1	30	8	35	59	1	34	49	1	30	12	35	56	1	34	53
2	0	48	34	27	2	7	3	2	0	51	34	23	2	7	6
2	30	28	32	48	2	38	17	2	30	28	32	44	2	38	17
2	59	7	31	19	3	8	30	2	59	5	31	16	3	8	28
3	26	58	30	15	3	37	55	3	26	55	30	13	3	37	52
3	54	15	29	42	4	6	46	3	54	11	29	41	4	6	42
4	21	25	29	40	4	35	29	4	21	20	29	40	4	35	24
4	48	34	30	7	5	4	12	4	48	30	30	9	5	4	8
5	16	8	31	7	5	33	20	5	16	5	31	10	5	33	17
5	44	25	32	33	0	3	11	5	44	25	32	36	0	5	11

137								138							
Locus ad ☽ ho.					Arg.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	25	35	46	5	56	25	5	56	29	35	49	5	56	29
0	27	32	36	44	0	29	6	0	27	37	36	45	0	29	11
0	59	4	36	44	1	2	12	0	59	9	36	43	1	2	17
1	30	17	35	53	1	34	58	1	30	21	35	50	1	35	2
2	0	53	34	19	2	7	8	2	0	55	34	15	2	7	10
2	30	28	32	40	2	38	17	2	30	28	32	36	2	38	17
2	59	3	31	13	3	8	26	2	59	1	31	9	3	8	24
3	26	51	30	11	3	37	48	3	26	47	30	9	3	37	44
3	54	6	29	41	3	6	37	3	54	2	29	40	4	6	33
4	21	16	29	41	4	35	20	4	21	11	29	41	4	35	15
4	48	26	30	11	5	4	4	4	48	22	30	13	5	4	0
5	16	2	31	13	5	33	14	5	16	0	31	10	5	33	12
5	44	24	32	40	0	3	10	5	44	23	32	43	0	3	9

139								140							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	56	33	35	52	5	56	33	5	56	37	35	55	5	56	37
0	27	43	36	47	0	29	17	0	27	48	33	48	0	29	22
0	59	15	36	42	1	2	23	0	59	20	36	42	1	2	28
1	30	26	35	47	1	35	7	1	30	35	43	49	1	35	11
2	0	8	34	11	2	7	13	2	1	0	34	7	2	7	15
2	30	28	32	32	2	38	17	2	30	27	32	28	2	38	16
2	58	58	31	7	3	8	21	2	58	56	31	5	3	8	19
3	26	43	30	7	3	37	40	3	26	39	30	6	3	37	36
3	53	57	29	40	4	6	28	3	53	52	29	39	4	6	23
4	21	6	29	42	4	35	10	4	21	1	29	42	4	35	5
4	48	18	30	15	5	3	56	4	48	14	30	14	5	3	52
5	15	57	31	15	5	33	9	5	15	54	31	22	5	33	6
5	44	23	32	47	0	3	9	5	44	22	32	51	0	3	8

141							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	56	41	35	57	5	56	41
0	27	53	36	48	0	29	27
0	59	26	36	41	1	2	34
1	30	34	35	40	1	35	15
2	1	2	34	4	2	7	17
2	30	27	32	25	2	38	16
2	58	54	31	2	3	8	17
3	26	35	30	5	3	37	32
3	53	48	29	39	4	6	19
4	20	57	29	43	4	35	1
4	48	10	30	19	5	3	47
5	15	52	31	25	5	33	4
5	44	22	32	55	0	3	8

142							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	56	45	36	0	5	56	45
0	27	59	36	49	0	29	33
0	59	31	36	39	1	2	39
1	30	38	35	37	1	35	19
2	1	3	34	0	2	7	18
2	30	26	32	21	2	38	15
2	58	51	31	0	3	8	14
3	26	31	30	3	3	37	28
3	53	42	29	39	4	6	14
4	20	52	29	44	4	34	56
4	48	6	30	21	5	3	44
5	15	50	31	28	5	33	2
5	44	21	32	58	0	3	0

143							
S	g	m	m	2	S	g	m
5	56	49	36	3	5	56	49
0	28	4	36	49	0	29	38
0	59	36	36	37	1	2	44
1	30	42	35	34	1	35	30
2	1	5	33	56	2	7	20
2	30	26	32	18	2	38	55
2	58	48	30	57	3	8	11
3	26	27	30	1	3	37	24
3	53	38	29	39	4	6	9
4	20	47	29	45	4	34	51
4	48	2	30	22	5	33	40
5	15	47	31	31	5	32	59
5	44	21	33	31	0	3	7

144							
S	g	m	m	2	S	g	m
5	56	53	36	5	5	56	53
0	28	10	36	50	0	29	44
0	59	42	36	35	1	2	50
1	30	46	35	30	1	35	27
2	1	7	33	52	2	7	22
2	30	25	32	14	2	38	14
2	58	46	30	55	3	8	9
3	26	23	30	0	3	37	20
3	53	33	29	38	4	6	4
4	20	43	29	46	4	34	47
4	47	58	30	25	5	3	36
5	15	45	31	34	5	32	57
5	44	21	33	4	0	3	7

145								146							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
5	56	58	36	8	5	56	58	5	57	2	36	10	5	57	2
0	28	15	36	50	0	29	43	0	28	21	36	51	0	29	55
0	59	47	36	33	1	2	55	0	59	52	36	31	1	3	0
1	30	50	35	27	1	35	31	1	30	54	35	23	1	35	35
2	1	9	33	48	2	7	34	2	1	10	33	44	2	7	25
2	30	34	32	11	3	38	13	2	30	24	32	7	2	38	13
2	58	43	30	52	3	8	6	2	58	40	30	51	3	8	3
3	26	19	29	58	3	37	16	3	26	15	29	57	3	37	12
3	53	29	29	38	4	6	0	3	53	24	29	38	4	5	55
4	20	38	29	47	4	34	42	4	20	34	29	48	4	34	38
4	47	54	30	27	5	3	32	4	47	51	30	29	5	3	29
5	15	43	31	37	5	32	55	5	15	41	31	41	5	32	53
5	44	21	32	8	0	3	7	5	44	21	33	12	0	3	7

147								148							
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
5	57	7	36	13	5	57	7	5	57	11	36	15	5	57	11
0	28	21	36	51	0	30	1	0	28	32	36	52	0	30	6
0	59	58	36	29	1	3	6	1	0	3	36	27	1	3	11
1	30	58	35	19	1	35	39	1	31	1	35	16	1	35	42
2	1	12	33	40	2	7	27	2	1	13	33	36	2	7	28
2	30	23	32	4	2	38	12	2	30	22	32	0	2	38	11
2	58	38	30	47	3	8	1	2	58	35	30	44	3	7	58
3	26	11	29	56	3	37	8	3	26	7	29	55	3	37	4
3	53	19	29	38	4	5	50	3	53	15	29	38	4	5	46
4	20	29	29	49	4	34	33	4	20	24	29	50	4	34	28
4	44	47	30	31	5	3	25	4	47	44	30	33	5	3	22
5	15	39	31	44	5	32	51	5	15	37	31	47	5	32	49
5	44	21	33	16	0	3	7	5	44	22	33	20	0	3	8

149								150							
Locus ☽			ad. ho.		Arg. lati.			Locus ☾			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	16	36	18	5	57	16	5	57	20	36	21	5	57	20
0	28	38	36	52	0	30	12	0	28	43	36	53	0	30	17
1	0	8	36	25	1	3	16	1	0	13	36	23	1	3	21
1	31	5	35	12	1	35	46	1	31	8	35	8	1	35	49
2	1	14	33	32	2	7	29	2	1	15	33	28	2	7	30
2	30	21	3	57	2	38	10	2	30	19	31	53	2	38	8
2	58	31	30	41	3	7	54	2	58	28	30	39	3	7	51
3	26	2	29	53	3	36	59	3	25	58	29	52	3	36	55
3	53	10	29	38	4	5	42	3	53	5	29	37	4	5	36
4	20	20	29	51	4	34	24	4	20	15	29	52	4	34	19
4	47	40	30	35	5	3	18	4	47	37	30	37	5	3	15
5	15	35	31	50	5	32	47	5	15	35	31	53	5	32	45
5	44	22	33	24	0	3	8	5	44	22	33	28	0	3	8

151								152							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	25	36	23	5	57	25	5	57	30	36	25	5	57	30
0	26	49	36	53	0	30	23	0	28	55	36	52	0	30	29
1	0	18	36	21	1	3	26	1	0	23	36	18	0	1	31
1	31	12	35	4	1	35	53	1	31	15	35	0	1	35	56
2	1	16	33	24	2	7	31	2	1	17	33	20	2	7	32
2	30	18	31	50	2	38	7	2	30	17	31	41	2	38	6
2	58	25	30	36	3	7	48	2	58	22	30	34	3	7	45
3	25	54	29	51	3	36	51	3	25	50	29	50	3	36	47
3	53	1	29	37	4	5	32	3	52	56	29	37	4	5	27
4	20	11	29	53	4	34	15	4	20	6	29	54	4	34	10
4	47	33	30	40	5	3	11	4	47	30	30	42	5	3	8
5	15	31	31	56	5	32	43	5	15	30	31	0	5	32	42
5	44	23	31	31	0	3	9	5	44	23	33	35	0	3	9

153								154							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	35	36	27	5	57	35	5	57	40	36	27	5	57	40
0	29	0	36	52	0	30	34	0	29	6	36	52	0	30	40
1	0	28	36	16	1	3	36	1	0	33	36	13	1	3	41
1	31	18	34	59	1	35	59	1	31	21	34	53	1	36	2
2	1	18	33	17	2	7	33	2	1	19	33	13	2	7	34
2	30	15	31	43	2	38	4	2	30	14	31	40	2	38	3
2	58	19	30	32	3	7	43	2	58	16	30	30	3	7	39
3	25	45	29	49	3	36	42	3	25	41	29	48	3	36	38
3	52	51	29	37	4	5	22	3	52	46	29	37	4	5	17
4	20	2	29	55	4	34	6	4	19	58	29	57	4	34	2
4	47	26	30	45	5	3	4	4	47	23	30	48	5	3	1
5	15	28	31	3	5	32	40	5	15	21	32	7	5	32	39
5	44	24	33	39	0	3	10	5	44	25	33	43	0	3	11

155								156							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	45	36	31	5	57	45	5	57	50	36	33	5	57	50
0	29	12	36	51	0	30	46	0	29	17	36	51	0	30	51
1	0	38	36	11	1	3	46	1	0	43	36	8	1	3	51
1	31	25	34	49	1	36	6	1	31	27	34	46	1	36	8
2	1	20	33	9	2	7	35	2	1	20	33	6	2	7	35
2	30	12	31	37	2	38	1	2	30	11	31	39	2	38	0
2	58	12	30	28	3	7	35	2	58	9	30	26	3	7	32
3	25	37	24	47	3	36	34	3	25	32	29	46	3	36	29
3	52	41	29	37	4	5	12	3	52	37	29	38	4	5	8
4	19	53	29	58	4	33	57	4	19	49	30	8	4	33	53
4	47	20	30	50	5	2	58	4	47	17	30	53	5	2	55
5	15	25	32	10	5	32	37	5	15	24	32	13	5	32	36
5	44	26	33	47	0	3	12	5	44	27	33	51	0	3	13

157								158							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	57	55	36	35	5	57	55	5	58	0	36	37	5	55	0
0	29	23	36	50	0	30	57	0	29	29	36	50	0	31	3
1	0	48	36	6	1	3	56	1	0	53	36	3	1	4	1
1	31	32	34	43	0	36	11	1	31	33	34	39	1	36	54
2	1	21	33	2	2	7	36	2	1	21	32	58	2	7	36
2	30	9	31	31	2	37	58	2	30	7	31	28	2	37	56
2	58	5	30	34	3	7	28	2	58	2	30	21	3	7	25
3	25	28	29	45	3	36	25	3	25	23	29	44	3	36	20
3	52	32	29	38	4	5	3	3	52	27	29	38	4	4	58
4	19	45	30	1	4	33	47	4	19	41	30	2	4	33	45
4	47	14	30	56	5	2	52	4	47	11	30	59	5	2	49
5	15	23	32	17	5	32	35	5	15	21	32	20	5	32	33
5	44	28	33	55	0	3	14	5	44	29	33	59	0	3	15

159								160							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	5	36	29	5	58	5	5	58	10	36	40	5	58	10
0	29	37	36	50	0	31	8	0	29	40	36	49	0	31	14
1	0	57	36	1	1	4	5	1	1	2	35	58	1	4	10
1	31	36	34	35	2	36	17	1	31	39	34	32	1	36	20
2	1	21	32	54	2	7	36	2	4	22	32	51	2	7	37
2	30	5	31	25	2	37	54	2	30	3	31	22	2	37	52
2	57	58	30	20	3	7	21	2	57	55	30	17	3	7	18
3	25	19	29	43	3	36	16	3	24	14	29	42	3	36	11
3	52	23	29	38	4	4	54	3	52	18	20	39	4	4	49
4	19	36	30	4	4	33	40	4	19	33	30	6	4	33	36
4	47	8	30	2	5	2	46	4	47	4	30	5	5	2	42
5	15	20	32	24	5	32	32	5	15	19	32	28	5	32	31
5	44	30	34	4	0	3	16	5	44	31	34	7	0	3	17

161								162							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	15	36	41	5	58	15	5	58	21	36	43	5	58	21
0	29	45	36	48	0	31	19	0	29	51	36	46	0	31	25
1	1	6	35	55	1	4	14	1	1	11	35	52	1	4	19
1	31	41	34	28	1	36	22	1	31	44	34	24	1	36	25
2	1	22	32	47	2	7	37	2	1	22	32	43	2	7	34
2	30	1	31	19	2	37	50	2	29	59	31	16	2	37	48
2	57	50	30	15	3	7	14	2	57	48	30	13	3	7	11
3	25	9	29	41	3	36	6	3	25	5	29	41	3	36	2
3	52	13	29	39	4	4	44	3	52	5	29	39	4	4	40
4	19	28	30	7	4	33	33	4	19	24	30	9	4	33	28
4	47	2	31	7	5	2	40	4	46	59	31	10	5	3	37
5	15	18	32	31	5	32	30	5	15	18	32	34	5	32	30
5	44	33	34	11	0	3	19	5	44	34	34	15	0	3	20

163								164							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	26	36	44	5	58	26	5	57	31	36	45	5	58	31
0	29	57	36	45	0	31	31	0	30	2	36	43	0	31	36
1	1	15	35	48	1	4	23	1	1	20	35	46	1	4	28
1	31	46	34	20	1	36	27	1	31	48	34	16	1	36	36
2	1	22	32	40	2	7	37	2	1	22	32	36	2	7	37
2	29	57	31	13	2	37	46	2	39	55	31	10	2	37	44
2	57	44	30	12	3	7	7	2	57	40	30	10	3	7	3
3	25	0	29	40	3	35	57	3	24	56	29	40	3	35	53
3	52	44	29	39	4	4	35	3	51	59	29	39	4	4	30
4	19	20	30	11	4	33	24	4	19	16	30	13	4	33	20
4	46	56	31	13	5	2	34	4	46	54	31	16	5	2	32
5	15	17	32	38	5	32	29	5	15	16	32	42	5	32	28
5	44	36	34	19	0	3	22	5	44	38	34	23	0	3	24

165

Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m
5	58	37	36	46	5	58	37
0	30	8	36	42	0	31	42
1	1	24	35	42	1	4	32
1	31	51	34	12	1	36	32
2	1	22	32	32	2	7	37
2	29	52	31	7	2	37	41
2	57	36	30	8	3	6	59
3	24	51	29	39	3	35	48
3	51	54	29	39	4	4	25
4	19	12	30	15	4	33	16
4	46	51	31	19	5	2	29
5	15	16	32	46	5	32	28
5	44	40	34	27	0	3	26

166

Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m
5	58	42	36	47	5	58	42
0	30	13	36	40	0	31	47
1	1	28	53	39	1	4	36
1	31	53	34	8	1	36	34
2	1	21	32	28	2	7	36
2	29	50	31	4	2	37	39
2	57	32	30	7	3	6	55
3	24	46	29	39	3	35	43
3	51	50	29	39	4	4	21
4	19	8	30	17	4	33	12
4	46	48	31	22	5	2	26
5	15	15	32	50	5	32	27
5	44	41	34	33	0	3	17

167

S	g	m	m	2	S	g	m
5	58	47	36	48	5	58	47
0	30	19	36	39	0	30	53
1	1	32	35	36	1	4	40
1	31	55	34	4	1	36	36
2	1	21	32	25	2	7	36
2	29	48	31	1	2	37	37
2	57	28	30	5	3	6	51
3	24	42	29	39	3	35	29
3	51	45	29	39	4	4	16
4	19	4	30	19	4	33	8
4	46	46	31	25	5	2	24
5	15	15	32	54	5	32	27
5	44	43	34	35	0	3	29

168

S	g	m	m	2	S	g	m
5	58	53	36	45	5	58	53
0	30	24	36	37	0	31	58
1	1	36	35	32	1	4	44
1	31	56	34	0	1	36	37
2	1	20	32	21	2	7	35
2	29	45	30	58	2	37	34
2	57	24	30	51	3	6	47
3	24	37	29	38	3	35	34
3	51	40	29	39	4	4	11
4	19	0	30	21	4	33	4
4	46	44	31	28	5	2	22
5	15	14	32	58	5	32	26
5	49	45	34	39	0	3	31

169								170							
Locus ad ☽ ho.					Arg.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	58	58	36	50	5	58	58	5	59	4	36	51	5	59	4
0	30	29	36	36	0	32	3	0	30	35	36	35	0	32	9
1	1	40	35	29	1	4	48	1	1	44	35	26	1	4	52
1	31	58	33	56	1	36	39	1	32	0	33	53	1	36	41
2	1	20	32	17	2	7	35	2	1	19	32	14	2	7	34
2	29	42	30	55	2	37	31	2	29	40	30	53	2	37	29
2	57	20	30	2	3	6	43	2	57	16	30	0	3	6	35
3	24	32	29	38	3	35	29	3	24	27	29	38	3	35	24
3	51	36	29	40	4	4	7	3	51	31	29	40	4	4	12
4	18	56	30	23	4	33	0	4	18	52	30	25	4	32	56
4	46	41	31	31	5	2	19	4	46	39	31	34	5	2	17
5	15	14	33	2	5	32	26	5	15	14	33	6	5	32	26
5	44	47	34	43	0	3	34	5	44	50	34	47	0	3	36

171								172							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	9	36	51	5	59	9	5	59	15	36	51	5	59	15
0	30	40	36	33	0	32	14	0	30	45	30	31	0	32	19
1	1	48	35	23	1	4	56	1	1	52	35	19	1	5	0
1	32	2	33	49	1	36	43	1	32	3	33	45	1	36	44
2	1	18	32	10	2	7	33	2	1	18	32	7	2	7	33
2	29	37	30	51	2	37	26	2	29	34	30	48	2	37	23
2	57	12	29	59	3	6	35	2	57	8	29	57	3	6	31
3	24	23	29	38	3	35	20	3	24	18	29	38	3	35	15
3	51	27	29	41	4	3	28	3	51	22	29	43	4	3	53
4	18	48	30	27	4	32	52	4	18	45	30	29	4	32	49
4	46	37	31	37	5	2	15	4	46	35	31	40	5	2	13
5	15	14	33	10	5	32	26	5	15	14	33	14	5	32	26
5	44	52	34	51	0	3	38	5	44	55	34	55	0	3	41

173								174							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	21	36	51	5	59	21	5	59	26	36	51	5	59	26
0	30	51	36	29	0	32	25	0	30	56	36	27	0	32	30
1	1	55	35	16	1	5	3	1	1	59	35	12	1	5	7
1	32	5	33	41	1	36	46	1	32	6	33	37	1	36	47
2	1	17	32	3	2	7	32	7	1	16	32	0	2	7	31
2	29	32	30	45	2	37	21	2	29	29	30	42	2	37	18
2	57	4	29	56	3	6	27	2	57	0	29	55	3	6	23
3	24	13	29	38	3	35	10	3	24	9	29	38	3	35	6
3	51	17	29	45	4	3	48	3	51	16	29	49	4	3	44
4	18	41	30	32	4	32	41	4	18	38	30	34	4	32	42
4	46	33	31	44	5	2	11	4	46	31	31	47	5	2	9
5	15	14	33	18	5	32	26	5	15	15	33	22	5	32	27
5	44	57	34	58	0	3	43	5	45	0	35	2	0	3	46

175								176							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
5	59	32	36	51	5	59	32	5	59	37	36	52	5	59	37
0	31	1	36	25	0	32	35	0	31	6	36	23	0	32	40
1	2	2	35	0	1	5	10	1	2	6	35	5	1	5	14
1	32	4	33	33	1	36	48	1	32	8	33	29	1	36	49
2	1	15	31	56	2	7	30	2	1	12	31	53	2	7	28
2	29	25	30	44	2	37	14	2	29	22	30	37	2	37	11
3	56	55	29	53	3	4	18	2	56	51	29	52	3	6	14
3	24	4	29	37	3	35	1	3	23	59	29	37	3	34	56
4	51	8	29	49	4	3	39	3	51	4	29	51	4	3	35
4	18	34	30	37	4	32	38	4	18	31	30	39	4	32	35
4	46	29	31	50	5	2	7	4	46	27	31	54	5	2	5
5	15	15	33	26	5	32	27	5	15	16	33	30	5	32	28
4	45	3	35	6	0	3	49	5	45	1	35	9	0	3	51

177							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	59	43	36	52	5	59	43
0	31	11	36	21	0	32	45
1	2	9	35	2	1	5	17
1	32	9	33	25	1	36	50
2	1	12	31	50	2	7	27
2	29	19	30	35	2	37	8
2	56	47	29	51	3	6	10
3	23	55	29	37	3	34	52
3	50	50	29	53	4	3	30
4	18	27	30	41	4	32	31
4	46	25	31	57	5	2	3
5	15	16	33	34	5	32	28
5	45	9	35	13	0	3	55

178							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
5	59	49	36	52	5	59	49
0	31	16	36	19	0	32	50
1	2	12	34	58	1	5	20
1	32	10	33	21	2	36	51
2	1	11	31	47	2	7	26
2	29	16	30	33	2	37	5
2	56	43	29	50	3	6	6
3	23	50	29	37	3	34	47
3	50	55	29	55	4	3	26
4	18	24	30	43	4	32	28
4	45	24	32	0	5	2	2
5	15	16	33	38	5	32	28
5	45	11	35	17	0	3	57

179							
S	g	m	m	2	S	g	m
5	59	54	36	52	0	59	54
0	31	23	36	17	0	32	55
1	2	15	34	54	1	5	23
1	32	11	33	17	1	36	53
2	1	9	31	44	2	7	24
2	29	13	30	31	2	37	2
2	56	38	29	49	3	6	1
3	23	45	29	36	3	34	42
3	50	51	29	57	4	3	22
4	18	20	30	45	4	32	24
4	46	22	32	4	5	2	0
5	15	51	33	42	5	34	29
5	45	9	35	13	0	3	55

180							
S	g	m	m	2	S	g	m
0	0	0	36	52	0	0	0
0	31	26	36	14	0	33	0
1	2	19	34	51	1	5	27
1	32	12	33	14	1	36	53
2	1	18	31	41	2	7	23
2	29	10	30	29	2	36	59
2	56	34	29	48	3	5	57
3	23	40	29	36	3	34	37
3	50	46	29	59	4	3	17
4	18	17	30	48	4	32	21
4	46	21	32	7	5	1	59
5	15	18	33	45	5	32	30
5	45	11	35	17	0	3	57

181								182							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	6	36	51	0	0	6	0	0	11	36	50	0	0	11
0	31	31	36	11	0	33	5	0	31	36	36	9	0	33	10
1	2	21	34	47	1	5	29	1	2	24	34	43	1	5	32
1	32	13	33	10	1	36	54	1	32	13	33	6	1	36	54
2	1	6	31	38	2	7	21	2	1	51	31	35	2	7	20
2	29	6	30	27	2	36	55	2	29	3	30	25	2	36	52
2	56	30	29	47	3	5	53	2	56	25	29	46	3	5	48
3	23	35	29	36	3	34	32	3	23	31	29	36	3	34	28
3	50	42	30	1	4	3	13	3	50	38	30	3	4	3	9
4	18	14	30	50	4	32	18	4	13	11	30	52	4	32	15
4	46	19	32	11	5	1	57	4	46	18	32	14	5	1	56
5	15	19	33	49	5	32	31	5	15	20	33	53	5	32	32
5	45	21	35	26	0	4	7	5	45	24	35	30	0	4	10

183								184							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	17	36	49	0	0	17	0	0	23	36	49	0	0	23
0	31	41	36	6	0	33	15	0	31	46	36	3	0	33	20
1	2	27	34	39	0	5	35	1	2	30	34	35	1	5	38
1	32	14	33	2	1	36	55	1	32	14	32	59	1	36	55
2	1	3	31	32	2	7	18	2	1	1	31	29	2	7	16
2	29	0	30	23	2	36	49	2	28	56	30	21	2	36	45
2	56	21	29	45	3	5	44	2	56	16	29	45	3	5	39
3	23	26	29	37	3	34	23	3	23	21	29	37	3	34	18
3	50	34	30	4	4	3	5	3	50	59	30	6	4	3	0
4	10	8	30	55	4	32	12	4	18	5	30	59	4	32	9
4	46	37	32	17	5	1	55	4	46	15	32	21	5	1	53
5	15	21	33	57	5	32	33	5	15	22	34	1	5	32	34
5	45	28	35	33	0	4	14	5	45	31	35	36	0	4	17

185								186							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	28	36	48	0	0	28	0	0	34	36	47	0	0	34
0	31	50	36	0	0	33	24	0	31	55	35	57	0	33	29
1	2	33	34	31	1	5	41	1	32	35	34	27	1	5	43
1	32	14	32	55	2	36	55	1	32	15	32	51	1	36	56
2	0	59	31	26	2	7	14	2	0	57	31	23	2	7	12
2	56	12	29	44	3	5	35	2	28	49	30	17	2	36	38
2	28	52	30	19	2	36	41	2	56	7	29	43	3	5	30
3	23	17	29	38	3	34	15	3	23	12	29	38	3	34	9
3	50	25	30	7	4	2	56	3	50	21	30	9	4	2	52
4	18	2	31	1	4	32	6	4	17	58	31	4	4	32	2
4	46	14	32	24	5	1	52	4	46	13	32	28	5	1	51
5	15	23	34	5	5	32	35	5	15	24	34	9	5	32	36
5	45	35	35	40	0	4	21	5	45	38	35	43	0	4	24

187								188							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	39	36	47	0	0	39	0	0	45	36	46	0	0	45
0	31	59	35	55	0	33	33	0	32	4	35	52	0	33	38
1	2	38	34	23	1	5	46	1	2	40	34	19	1	5	46
1	32	15	32	47	1	36	56	1	32	15	32	43	1	36	56
2	0	55	31	20	2	7	10	2	0	52	31	17	2	7	8
2	28	45	30	15	2	36	34	2	28	42	30	13	2	36	31
2	56	2	29	49	3	5	25	3	55	58	29	42	3	5	21
3	23	7	29	39	3	34	5	3	23	3	29	39	3	34	0
3	50	17	30	10	4	2	48	4	50	13	30	12	4	2	44
4	17	56	31	7	4	32	0	4	17	53	31	10	4	31	57
4	46	12	32	31	5	1	50	5	46	12	32	35	5	1	50
5	15	26	34	13	5	32	38	5	15	27	34	17	5	32	39
5	45	42	35	46	0	4	28	0	45	46	35	49	0	4	32

189								190							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	51	36	45	0	0	51	0	0	56	36	44	0	0	56
0	32	8	35	49	0	33	42	0	32	13	35	46	0	33	47
1	2	42	34	5	1	5	50	1	2	45	34	11	1	5	53
1	32	15	32	39	1	36	56	1	32	15	32	36	1	36	56
2	0	51	31	14	2	7	6	2	0	49	31	11	2	7	4
2	28	38	30	11	2	36	27	2	28	34	30	9	2	36	23
2	55	53	29	41	3	5	16	2	55	49	29	40	3	5	12
3	22	58	29	40	3	33	55	3	22	53	28	41	3	33	50
3	50	9	30	13	4	2	40	3	50	5	30	15	4	2	36
4	17	51	31	13	4	31	55	4	17	48	31	10	4	31	52
4	46	11	32	39	5	1	49	4	46	10	32	49	5	1	48
5	15	29	34	21	5	32	41	5	15	31	34	24	5	32	42
5	45	50	35	52	0	4	36	5	45	54	35	55	0	4	40

191								192							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	2	36	43	0	1	2	0	1	7	36	41	0	1	7
0	32	17	35	43	0	33	51	0	32	21	35	39	0	33	55
1	2	47	34	7	1	5	55	1	2	49	34	3	1	5	57
1	32	15	32	32	1	36	56	1	32	14	32	29	1	36	55
2	0	46	31	8	2	7	1	2	0	44	31	5	2	6	59
2	28	30	30	8	2	36	19	2	28	26	30	7	2	36	15
2	55	44	29	40	3	5	7	2	55	39	29	40	3	5	2
3	22	48	29	42	3	33	45	3	22	44	29	43	3	33	41
3	50	1	30	17	4	2	32	3	49	57	30	19	4	2	28
4	17	45	31	19	4	31	49	4	17	42	31	22	4	31	46
4	46	10	32	46	5	1	48	4	46	9	32	50	5	1	47
5	15	33	34	28	5	32	45	5	15	34	34	32	5	32	46
5	45	58	35	58	0	4	44	5	46	2	36	1	0	4	48

193								194							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	12	36	40	0	1	12	0	1	18	36	38	0	1	18
0	32	25	35	36	0	33	59	0	32	29	35	32	0	34	3
1	2	50	33	59	1	5	58	1	2	52	33	55	1	6	0
1	32	14	32	25	0	36	55	0	32	13	32	22	1	36	54
2	0	42	31	2	2	6	57	2	0	39	31	0	2	6	54
2	28	22	30	6	2	36	11	2	28	18	30	5	2	36	7
2	55	35	29	40	3	4	58	2	55	30	29	40	3	4	53
3	22	39	29	44	3	33	36	3	22	34	29	45	3	33	31
3	49	53	30	21	4	2	24	3	49	49	30	23	4	2	20
4	17	40	31	25	4	31	44	4	17	38	31	28	4	31	42
4	46	9	32	53	5	1	47	4	46	8	32	57	5	1	46
5	15	36	34	35	5	32	48	5	15	38	34	39	5	32	50
5	46	6	36	3	0	4	52	5	46	10	36	6	0	4	56

195								196							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	23	36	37	0	1	23	0	1	29	36	36	0	1	29
0	32	33	35	29	0	37	7	0	32	37	35	26	0	34	11
1	2	54	33	51	1	6	2	1	2	56	33	47	1	6	4
1	32	13	32	18	2	36	54	1	32	12	32	15	1	36	53
2	0	36	30	57	2	6	51	2	0	34	30	54	2	6	49
2	28	14	30	4	2	36	3	2	28	10	30	3	2	35	59
2	55	25	29	40	3	4	48	2	55	20	29	40	3	4	43
3	22	30	29	46	3	33	27	3	22	25	29	47	3	33	22
3	49	45	30	25	4	2	16	3	49	41	30	25	4	2	12
4	37	35	31	31	4	31	39	4	16	33	31	34	4	31	37
4	46	8	33	0	5	1	49	4	46	8	33	4	5	1	46
5	15	41	34	42	5	32	53	5	15	43	34	46	5	32	55
5	46	15	36	9	0	5	1	5	46	19	36	11	0	5	5

197								198							
Locus ad.					Arg.			Locus ad					Arg.		
☽		ho.			lati.			☾		ho.			lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	34	36	34	0	1	34	0	1	39	36	32	0	1	39
0	32	41	35	22	0	34	15	0	32	45	35	19	0	34	19
1	2	57	33	43	1	6	5	1	2	59	33	39	1	6	7
1	32	11	32	11	1	35	52	1	30	11	32	8	1	36	52
2	0	31	30	51	2	6	46	2	0	28	30	48	2	6	43
2	28	6	30	2	2	35	55	2	28	2	30	1	2	35	51
2	55	16	29	40	3	4	39	2	55	11	29	40	3	4	34
3	22	21	29	48	3	33	18	3	22	16	29	49	3	33	13
3	49	38	30	29	4	2	9	3	49	34	30	31	4	2	5
4	17	31	31	37	4	31	35	4	17	29	31	40	4	31	33
4	46	8	33	8	5	1	46	4	46	8	33	12	5	1	46
5	15	45	34	50	5	32	57	5	15	48	34	54	5	33	0
5	46	24	36	14	0	5	10	5	46	28	36	16	0	5	14

199								200							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	45	36	30	0	1	45	0	1	50	36	28	0	1	50
0	32	48	35	16	0	34	22	0	32	52	35	12	0	34	26
1	3	0	33	35	1	6	8	1	3	1	33	31	1	6	9
1	32	10	32	4	1	36	51	1	32	9	32	1	1	36	50
2	0	25	30	45	2	6	48	2	0	22	30	43	2	6	37
2	27	58	30	0	2	35	47	2	27	54	29	59	2	34	43
2	55	6	29	40	3	4	29	2	55	2	29	40	3	4	25
3	22	11	29	50	3	33	8	3	22	7	29	49	3	33	4
3	49	31	30	33	4	2	2	3	49	27	30	26	4	1	58
4	17	27	31	43	4	31	31	4	17	25	31	47	4	31	29
4	46	8	33	16	5	1	46	4	46	9	33	20	5	1	47
5	15	50	34	57	5	33	2	5	15	53	34	1	5	33	5
5	46	33	36	19	0	5	19	5	46	37	36	21	0	5	23

201								202							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
0	1	55	36	26	0	1	55	0	2	0	36	23	0	2	0
0	32	55	35	8	0	34	29	0	32	59	35	5	0	34	33
1	3	2	33	27	1	6	10	1	3	3	33	23	1	6	11
1	32	8	31	57	1	36	49	1	32	6	31	54	1	36	47
2	0	19	30	40	2	6	34	2	0	16	30	38	2	6	31
2	27	49	29	58	2	35	38	2	27	45	29	56	2	35	34
2	54	57	29	40	3	4	20	2	54	52	29	40	3	4	15
3	22	2	29	52	3	32	59	3	21	58	29	53	3	32	55
3	49	24	30	39	4	1	55	3	49	20	30	41	4	1	51
4	17	23	31	58	4	31	27	4	17	20	31	53	4	31	25
4	46	9	33	24	5	1	47	4	46	9	33	28	5	1	47
5	15	56	35	4	5	33	8	5	15	59	35	8	5	33	11
5	46	42	36	23	0	5	28	5	46	47	36	25	0	5	33

203								204							
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
0	2	5	36	21	0	2	5	0	2	10	36	17	0	2	10
0	33	2	35	1	0	34	36	0	33	5	34	58	0	34	39
1	3	4	33	20	1	6	12	1	3	5	33	18	1	6	13
1	32	5	31	51	1	36	46	1	32	4	31	48	1	36	45
2	0	12	30	36	2	3	28	2	0	10	30	34	2	6	25
2	27	41	29	55	2	35	30	2	27	37	29	53	2	35	26
2	54	48	29	39	3	4	11	2	55	43	29	39	3	4	6
3	21	53	29	54	3	31	50	3	21	49	29	56	3	32	56
3	49	17	30	44	4	21	48	3	49	13	30	46	4	1	44
4	17	19	31	57	4	31	23	4	17	18	32	0	4	31	22
4	46	10	33	32	5	1	48	4	46	30	33	36	5	1	48
5	16	2	35	11	5	33	14	5	16	4	35	15	5	33	16
5	46	52	36	27	0	5	38	5	46	57	36	29	0	3	43

205								206							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	15	36	16	0	2	15	0	2	20	36	13	0	2	20
0	33	8	34	55	0	34	42	0	33	12	34	51	0	34	46
1	3	6	33	15	1	6	14	1	3	7	33	9	1	6	15
1	32	2	31	44	1	36	43	1	32	1	31	41	1	36	42
2	0	7	30	32	2	6	22	2	0	4	30	30	2	6	19
2	27	32	29	52	2	35	21	2	27	28	29	50	2	35	17
2	54	38	29	39	3	4	1	2	54	33	29	39	3	3	56
3	21	45	29	57	3	32	43	3	21	40	29	59	3	32	37
3	49	10	30	49	4	1	41	3	49	7	30	51	4	1	38
4	17	16	32	4	4	31	20	4	17	15	32	7	4	31	19
4	46	11	33	40	5	2	49	4	46	12	33	44	5	1	50
5	16	8	35	18	5	33	20	5	16	11	35	22	5	33	23
5	47	2	36	31	0	5	48	5	47	7	36	33	0	5	53

207								208							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	25	36	10	0	2	25	0	2	30	36	8	0	2	30
0	33	14	34	48	0	34	48	0	33	17	34	44	0	34	51
1	3	7	33	5	1	6	15	1	3	8	33	22	1	6	16
1	31	59	31	38	1	36	40	1	31	58	31	34	1	36	39
2	0	17	30	27	2	6	15	1	59	57	30	25	2	6	12
2	27	24	29	44	2	35	13	2	27	59	29	47	2	35	8
2	54	28	29	39	3	3	51	2	54	24	29	39	3	3	47
3	21	36	30	0	3	32	33	3	21	2	30	2	3	32	29
3	49	4	30	54	4	1	35	3	49	1	30	57	4	1	32
4	17	13	32	11	4	31	17	4	17	12	32	14	4	31	16
4	46	13	33	48	5	1	51	4	46	14	33	52	5	1	52
5	17	14	35	25	5	33	26	5	16	14	35	29	5	33	29
5	47	12	36	35	0	5	58	5	47	17	36	37	0	6	3

209								210							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	35	36	0	0	2	35	0	2	40	36	5	0	2	40
0	33	20	34	40	0	34	54	0	33	23	34	36	0	34	57
1	3	8	33	8	1	6	16	1	3	8	33	55	1	6	16
1	31	56	31	31	1	36	37	1	31	54	31	28	1	36	35
1	59	53	30	23	2	6	8	1	59	50	30	21	2	6	5
2	54	19	29	39	3	33	42	2	54	14	29	38	3	3	37
2	27	15	29	46	2	35	3	2	27	10	29	48	2	34	59
3	21	28	30	3	3	31	25	3	21	23	30	5	3	32	20
3	48	58	31	0	4	1	29	3	47	55	31	2	4	1	26
4	17	11	32	17	4	31	15	4	17	9	32	21	4	31	13
4	46	15	33	56	5	2	53	4	46	16	34	0	5	2	54
5	17	21	35	32	5	33	33	5	16	24	35	36	5	33	36
5	47	22	36	39	0	6	8	5	47	27	36	40	0	5	13

211								212							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	44	36	0	0	2	44	0	2	49	35	57	0	2	49
0	33	26	34	32	0	35	0	0	33	28	34	28	0	35	2
1	3	9	32	51	1	6	17	1	3	9	32	47	1	6	11
1	31	52	31	25	1	36	33	1	31	50	31	22	1	36	31
1	59	46	30	19	2	6	1	1	59	43	30	17	2	5	58
2	27	6	29	43	2	34	55	2	27	1	29	43	2	34	50
2	54	10	29	38	3	3	33	2	54	5	29	38	3	3	28
3	21	19	30	6	3	32	16	3	21	15	30	8	3	32	12
3	48	51	31	4	4	1	22	3	48	49	31	7	4	1	20
4	17	8	32	24	4	31	12	4	17	7	32	28	4	31	11
4	46	17	34	4	5	1	55	4	46	18	34	8	5	1	56
5	16	25	35	39	5	33	40	5	16	31	35	42	5	33	43
5	47	32	36	42	0	6	18	5	47	38	36	43	0	6	24

213							
Locus ad.					Arg.		
☽ ho.					lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃
0	2	53	35	54	0	2	53
0	33	31	34	24	0	35	5
1	3	9	32	44	1	6	17
1	31	48	31	19	1	36	29
1	59	39	30	15	2	5	54
2	26	56	29	42	2	34	45
2	54	0	29	39	3	3	23
3	21	11	30	9	3	32	8
3	48	46	31	10	4	1	17
4	17	6	32	32	4	31	10
4	46	20	34	12	5	1	58
5	16	35	35	44	5	33	47
5	47	43	36	44	0	6	29

214							
Locus ad					Arg.		
☾ ho.					lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃
0	2	58	35	51	0	2	58
0	33	33	34	20	0	35	7
1	3	9	32	40	1	6	17
1	31	46	31	16	1	36	27
4	59	36	30	13	2	5	51
2	20	52	23	42	2	34	41
2	53	56	29	39	3	3	19
3	21	7	30	11	3	32	4
3	48	43	31	13	4	1	14
4	17	6	32	35	4	31	10
4	46	21	34	16	5	1	59
5	16	39	35	48	5	33	51
5	47	48	36	45	0	6	34

215							
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	2	35	48	0	3	2
0	33	35	34	16	0	35	9
1	3	9	32	36	1	6	17
1	31	44	31	15	1	36	25
1	59	32	30	12	2	5	47
2	26	47	29	41	2	34	36
2	53	51	29	40	3	3	14
3	21	3	30	13	3	32	0
3	48	41	31	16	4	1	12
4	17	5	32	39	4	31	9
4	46	23	34	20	5	2	1
5	16	43	35	51	5	33	55
5	47	54	36	46	0	6	40

216							
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	7	35	45	0	3	7
0	33	38	34	12	0	35	12
1	3	9	32	33	1	6	17
1	31	42	31	10	1	36	23
1	59	28	30	10	2	5	43
2	26	43	29	41	2	34	32
2	53	46	29	41	3	3	9
3	20	59	30	15	3	31	57
3	48	38	31	29	4	1	9
4	17	4	32	43	4	31	8
4	46	25	34	24	5	2	3
5	10	47	35	54	5	33	59
5	47	59	36	47	0	6	45

217							
Locus ad ☽ ho.					Arg. lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	11	35	42	0	3	11
0	33	40	34	8	0	35	14
1	3	8	32	29	1	6	16
1	31	39	31	7	1	36	20
1	59	24	30	8	2	5	36
2	26	38	29	40	2	34	27
2	43	41	29	42	3	3	4
3	20	55	30	17	3	31	55
3	48	35	31	22	4	1	6
4	17	4	32	47	4	31	8
4	46	27	34	20	5	2	5
5	16	51	35	57	5	34	3
5	48	4	36	48	0	6	50

218							
Locus ad ☽ ho.					Arg. lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	15	35	39	0	3	15
0	33	42	34	4	0	35	16
1	3	8	32	26	1	6	16
1	31	37	31	4	1	36	18
1	59	20	30	6	2	5	35
2	26	33	29	40	2	34	22
2	53	37	29	43	3	3	0
3	20	51	30	19	3	31	48
3	48	33	31	25	4	1	4
4	17	3	32	51	4	31	7
4	46	28	34	32	5	2	6
5	16	55	36	0	5	34	7
5	48	10	36	49	0	6	56

219							
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	19	35	16	0	3	19
0	33	43	34	0	0	35	17
1	3	7	32	22	1	6	15
1	31	35	31	1	1	36	16
1	59	16	30	5	2	5	31
2	26	29	29	39	2	34	18
2	53	32	29	44	3	2	55
3	20	47	30	21	3	31	44
3	48	31	31	28	4	1	2
4	17	3	32	55	4	31	7
4	46	30	34	36	5	2	8
5	17	59	36	3	5	34	11
5	48	15	36	50	0	7	1

220							
S	g̃	m̃	m̃	2	S	g̃	m̃
0	3	23	35	33	0	3	23
0	33	45	33	56	0	35	19
1	3	7	32	18	1	6	15
1	31	32	30	59	1	36	13
1	59	12	30	3	2	5	27
2	26	24	29	38	2	34	13
2	53	27	29	45	3	2	50
3	20	43	30	23	3	31	40
3	48	28	31	31	4	0	59
4	17	2	32	59	4	31	6
4	46	32	34	46	5	2	10
5	17	3	36	6	5	34	15
5	48	21	36	51	0	7	7

221								222							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	27	35	30	0	3	27	0	3	31	35	26	0	3	31
0	33	47	33	52	0	35	21	0	33	49	33	48	0	35	23
1	3	6	32	15	1	6	14	1	3	5	32	11	1	6	13
1	31	29	30	56	1	36	10	1	31	27	30	54	1	36	8
1	59	8	30	1	2	5	23	1	59	4	30	0	2	5	19
2	26	19	29	38	2	34	8	2	26	14	29	38	2	34	3
2	53	23	29	46	3	2	46	2	53	18	29	47	3	2	41
3	20	39	30	25	3	31	36	3	20	35	30	27	3	31	32
3	48	26	31	34	4	0	57	3	48	24	31	39	4	0	55
4	17	2	33	2	4	31	6	4	17	2	33	6	4	31	6
4	46	35	34	40	5	2	13	4	46	17	34	47	5	2	15
5	17	8	36	9	5	34	20	5	17	12	36	11	5	34	24
5	48	26	36	51	0	7	12	5	48	32	36	51	0	7	18

223								224							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	35	35	23	0	3	35	0	3	39	35	19	0	3	39
0	33	50	33	49	0	35	24	0	33	52	33	40	0	35	26
1	3	5	32	8	1	6	12	1	3	4	32	4	1	6	12
1	31	24	30	51	1	36	5	1	31	21	30	49	1	36	2
1	59	0	29	59	2	5	15	1	58	56	29	57	2	5	11
2	26	10	29	38	2	34	59	2	26	5	29	38	2	33	54
2	53	14	29	48	3	2	37	2	53	9	29	49	3	2	32
3	20	32	30	29	3	31	29	3	20	29	30	31	3	31	26
3	48	22	31	40	4	0	53	3	48	20	31	44	4	0	51
4	17	2	33	10	4	31	6	4	17	2	33	13	4	31	6
4	46	39	34	51	5	2	17	4	46	42	34	54	5	2	20
5	17	17	36	14	5	34	29	5	17	21	36	16	5	34	33
5	48	38	36	51	0	7	34	5	48	43	36	51	0	7	29

225								226							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	42	35	16	0	3	42	0	3	46	35	12	0	3	46
0	32	53	33	36	0	35	27	0	33	54	33	32	0	35	28
1	3	3	32	1	1	6	11	1	3	2	31	57	1	6	10
1	31	19	30	46	1	36	0	1	31	15	30	44	1	33	59
1	58	52	29	56	2	5	7	1	58	48	29	55	2	5	3
2	26	0	29	38	2	33	49	2	25	56	29	38	2	33	45
2	53	4	29	50	3	2	27	2	53	0	29	51	3	2	23
3	20	25	30	33	3	31	22	3	20	21	30	35	3	31	18
3	48	18	31	47	4	0	47	3	48	16	31	51	4	0	47
4	17	2	33	16	4	31	6	4	17	3	33	20	4	31	7
4	46	44	34	58	5	2	23	4	47	47	35	1	5	2	25
5	19	26	36	19	5	34	38	5	17	30	36	21	5	34	42
5	48	49	36	51	0	7	35	5	48	54	36	51	0	7	40

227								278							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	49	35	9	0	3	49	0	3	49	35	5	0	3	53
0	35	55	33	28	0	35	29	0	33	56	33	24	0	35	30
1	3	0	31	54	1	6	8	1	2	59	31	51	1	6	7
1	31	12	30	41	1	35	53	1	31	9	30	39	2	35	50
1	58	43	29	54	2	4	58	1	58	39	29	53	2	4	54
2	25	51	29	38	2	33	40	2	25	46	29	38	2	33	35
2	52	55	29	52	3	2	18	2	52	51	29	53	3	2	14
3	20	17	30	37	3	31	14	3	20	14	30	39	3	31	11
3	44	18	31	54	4	0	45	3	48	13	31	57	4	0	44
4	17	3	33	24	4	31	7	4	17	3	33	28	4	31	7
4	46	50	35	5	5	2	28	4	46	53	35	8	4	31	7
5	14	35	36	23	5	34	47	5	17	40	36	25	5	34	52
5	49	0	36	51	0	7	46	5	49	6	36	51	0	7	52

229								230							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	56	35	2	0	3	56	0	3	59	34	48	0	3	59
0	33	57	33	20	0	35	31	0	33	58	33	17	0	35	32
1	2	58	31	47	1	6	6	1	2	56	31	43	1	6	4
1	31	6	30	36	1	35	47	1	31	3	30	34	1	35	44
1	58	35	29	51	2	4	50	1	58	31	29	50	2	4	46
2	25	42	29	38	2	33	31	2	25	37	29	38	2	33	26
2	52	46	29	54	3	2	9	2	52	42	29	54	3	2	5
3	20	11	30	41	3	31	8	3	20	7	38	44	3	31	4
3	48	11	32	0	4	0	42	3	40	9	32	4	4	0	40
4	17	4	33	32	4	31	8	4	17	4	33	36	4	31	8
4	46	56	35	12	5	2	34	4	46	58	35	15	5	2	36
5	17	45	36	28	5	34	57	5	17	50	36	30	5	35	2
5	49	11	36	51	0	7	47	5	49	17	36	52	0	8	3

231								232							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	2	34	54	0	4	2	0	4	6	34	50	0	4	6
0	33	59	33	13	0	35	33	0	34	0	33	9	0	35	34
1	2	55	31	42	1	6	3	1	2	53	31	37	1	6	1
1	31	0	30	31	1	35	41	1	30	57	30	29	1	35	38
1	58	26	29	49	2	4	41	1	58	22	29	48	2	4	37
2	25	32	29	38	2	33	21	2	25	24	29	38	2	33	16
2	52	38	29	57	3	2	1	2	52	33	29	59	3	1	56
3	20	4	30	46	3	31	1	3	20	1	30	49	3	30	58
3	48	8	32	7	4	0	39	3	48	6	32	11	4	0	37
4	17	5	33	39	4	31	9	4	17	6	33	43	4	31	10
4	47	1	35	19	5	2	39	4	47	5	35	22	5	2	43
5	17	55	36	32	5	35	7	5	18	0	39	34	5	35	12
5	49	23	36	52	0	8	9	5	49	28	36	52	0	8	14

233								234							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	8	34	46	0	4	8	0	4	11	34	41	0	4	11
0	34	0	33	5	0	35	34	0	34	1	33	46	0	35	35
1	2	52	31	34	1	6	0	1	2	50	31	31	1	5	58
1	30	52	30	27	0	35	34	1	30	50	30	25	1	35	31
1	58	18	29	47	2	4	33	1	58	13	29	46	2	4	28
2	25	22	29	38	2	33	11	2	25	18	29	38	2	33	7
2	52	29	30	1	3	1	52	2	52	25	30	3	3	1	48
3	19	58	30	52	3	30	55	3	19	55	30	55	3	30	52
3	48	5	32	47	4	0	36	3	48	4	32	18	4	0	35
4	17	7	33	47	4	31	11	4	17	8	33	51	4	31	12
4	47	8	35	26	5	4	46	4	47	11	35	29	5	2	40
5	18	5	36	36	5	35	17	5	18	10	36	37	5	35	22
5	49	34	36	51	0	8	20	5	49	40	36	50	0	8	26

235								236							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	14	34	38	0	4	14	0	4	17	34	33	0	4	17
0	34	1	32	58	0	35	35	0	34	1	32	54	0	35	35
1	2	48	31	28	1	5	56	1	2	46	31	25	1	5	54
1	30	46	30	23	1	34	27	1	30	43	30	21	1	35	24
1	58	9	29	45	2	4	24	1	58	4	29	44	2	4	19
2	25	13	29	38	2	33	2	2	25	8	29	38	2	32	57
2	52	21	30	4	3	1	44	2	52	16	30	6	3	1	39
3	19	52	30	58	3	30	49	3	19	43	31	1	3	30	46
3	48	2	32	22	4	0	33	3	48	[illegible]	32	25	4	0	32
4	17	9	35	55	4	31	13	4	17	10	33	59	4	31	14
4	47	15	35	32	5	2	53	4	47	18	35	36	5	2	56
5	18	15	36	39	5	35	27	5	18	20	36	40	5	35	32
5	49	45	36	49	0	8	31	5	49	51	36	48	0	8	37

237								238							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	20	34	29	0	4	20	0	4	22	34	26	0	4	22
0	34	2	32	51	0	35	36	0	34	2	32	47	0	35	36
1	2	49	31	22	1	5	52	1	2	42	31	19	1	5	50
1	30	39	30	19	1	35	20	1	30	36	30	17	1	35	17
1	58	0	29	43	2	4	15	1	57	55	29	42	2	4	10
2	25	4	29	38	2	32	53	2	24	59	29	39	2	32	48
2	52	12	30	7	3	1	35	2	52	8	30	8	3	1	31
3	19	45	31	4	3	30	42	3	19	43	31	7	3	30	40
3	48	0	32	28	4	0	31	3	47	59	32	32	4	0	30
4	17	11	34	3	4	31	15	4	17	12	34	7	4	31	16
4	47	22	35	39	5	3	0	4	47	25	35	42	5	3	3
5	18	25	36	42	5	35	37	5	15	31	36	43	5	35	43
5	49	56	36	47	0	8	42	5	50	2	36	46	0	8	48

239								240							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	25	34	23	0	4	25	0	4	27	34	20	0	4	27
0	34	2	32	43	0	35	36	0	34	2	32	40	0	35	36
1	2	40	31	16	1	5	48	1	2	38	31	13	1	5	46
1	30	32	35	13	1	30	29	1	30	29	30	13	1	35	10
1	57	50	29	41	2	4	5	1	57	46	29	41	2	4	1
2	24	54	29	39	2	32	43	2	24	50	29	39	2	32	39
2	52	4	30	9	3	1	27	2	52	0	30	11	3	1	23
3	19	39	31	10	3	30	36	3	19	37	31	13	3	30	34
3	47	59	32	36	4	0	30	3	47	58	32	40	4	0	29
4	17	14	34	11	4	31	18	4	17	15	34	15	4	31	19
4	47	29	35	46	5	3	7	4	47	33	35	7	5	3	11
5	18	36	36	45	5	33	48	5	18	41	36	46	5	35	53
5	50	8	36	45	0	8	54	5	50	13	36	44	0	8	59

241								242							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	29	34	16	0	4	29	0	4	32	34	12	0	4	32
0	34	2	32	36	0	35	36	0	34	2	32	33	0	35	36
1	2	35	31	10	1	5	43	1	2	33	31	7	1	5	41
1	30	25	30	11	1	35	6	1	30	21	30	9	1	35	32
1	57	41	29	44	2	3	56	1	57	37	29	40	2	3	52
2	24	45	29	39	3	32	34	2	24	40	29	39	2	32	29
2	51	56	30	13	3	1	19	2	51	52	30	15	3	1	15
3	19	35	31	16	3	30	32	3	19	32	31	19	3	30	29
3	47	57	32	44	4	0	28	3	47	57	32	48	4	0	28
4	17	17	34	19	4	31	21	4	17	19	34	22	4	31	23
4	47	37	35	52	5	3	15	4	47	51	35	55	5	3	19
5	18	46	36	46	5	35	58	5	18	52	36	47	5	36	4
5	50	17	36	43	0	9	5	5	50	24	36	42	0	9	10

243								244							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	34	34	8	0	4	34	0	4	36	34	4	0	4	36
0	34	1	32	30	0	35	35	0	34	1	32	26	0	35	35
1	2	31	31	4	1	5	39	1	2	29	31	1	1	5	37
1	30	17	30	8	1	34	58	1	31	13	30	6	1	34	54
1	57	32	29	40	2	3	47	1	57	27	29	39	2	3	42
2	24	35	29	40	2	32	24	2	24	31	29	40	2	32	20
2	51	48	30	17	3	21	11	2	51	44	30	19	3	1	7
3	19	29	31	22	3	30	26	3	19	27	31	25	3	30	24
3	47	56	32	51	4	0	27	3	47	56	32	54	4	0	27
4	17	21	34	26	4	31	25	4	17	22	34	30	4	31	20
4	47	45	35	58	5	3	23	4	47	49	36	0	5	3	27
5	18	57	36	47	5	36	9	5	19	3	36	48	5	36	15
5	50	30	36	40	0	9	16	5	50	35	36	39	0	9	21

245								246							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	38	34	0	0	4	38	0	4	39	33	56	0	4	39
0	34	0	32	22	0	35	34	0	34	0	32	18	0	35	34
1	2	26	30	58	1	5	34	1	2	23	30	55	1	5	31
1	30	9	30	5	1	34	50	1	30	5	30	4	2	34	46
1	57	23	29	39	2	3	38	1	57	18	29	39	2	3	33
2	24	26	29	40	2	32	15	2	24	21	29	41	2	32	10
2	51	40	30	21	3	1	3	2	51	36	30	32	3	0	59
3	19	25	31	28	3	30	22	3	19	22	31	31	3	30	19
3	47	55	32	57	4	0	26	3	47	55	33	1	4	0	26
4	17	24	34	34	4	31	28	4	17	26	34	38	4	31	30
4	47	53	36	3	5	3	31	4	47	57	36	6	5	3	35
5	19	8	36	48	5	36	20	5	19	14	36	49	5	36	26
5	50	40	36	37	0	9	26	5	50	46	36	36	0	9	32

247								248							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	41	33	52	0	4	41	0	4	43	33	48	0	4	43
0	33	59	32	15	0	35	33	0	33	58	32	11	0	35	32
1	2	21	30	52	1	5	29	1	2	18	30	49	1	5	26
1	30	1	30	2	1	34	42	1	29	57	30	1	1	34	38
1	57	13	29	38	2	3	28	1	57	8	29	38	2	3	23
2	24	17	29	41	2	32	6	2	24	12	29	42	2	32	1
2	51	32	30	25	3	0	55	2	51	28	30	27	3	0	51
3	19	20	31	34	3	30	17	3	19	18	31	37	3	30	15
3	47	55	33	5	4	0	26	3	47	55	33	9	4	0	26
4	17	29	34	42	4	31	33	4	17	31	34	46	4	31	35
4	48	2	36	8	5	3	40	4	48	6	36	11	5	3	44
5	19	19	36	50	5	36	31	5	19	25	36	51	5	36	27
5	50	21	36	34	0	9	37	5	50	56	36	32	0	9	43

149								250							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	44	33	44	0	4	44	0	4	46	33	41	0	4	46
0	33	58	32	7	0	35	32	0	33	57	32	4	0	35	31
1	2	15	30	46	1	5	23	1	2	13	30	44	1	5	21
1	29	53	29	59	1	34	34	1	29	49	29	57	1	34	30
1	57	4	29	37	2	3	19	1	56	59	29	37	2	3	14
2	24	4	29	42	2	31	57	2	24	3	29	43	2	31	52
2	51	25	30	29	3	0	48	2	51	21	30	31	0	3	44
3	19	16	31	40	3	30	13	3	19	14	31	43	3	30	11
3	47	55	33	13	4	0	26	3	47	55	33	17	4	0	26
4	17	33	34	50	4	31	37	4	17	36	34	54	4	31	40
4	48	11	36	13	5	3	49	4	48	15	36	16	5	3	53
5	19	31	36	52	5	36	43	5	19	36	36	53	5	36	48
5	51	2	36	30	0	9	48	5	51	7	36	28	0	9	53

251								252							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	47	33	37	0	4	47	0	4	48	33	33	0	4	48
0	33	56	32	1	0	35	30	0	33	55	31	58	0	35	29
1	2	9	30	41	1	5	17	1	2	6	30	39	1	5	14
1	29	45	29	55	1	34	26	1	29	41	29	53	1	34	22
1	56	54	29	37	2	3	9	1	56	50	29	37	2	3	5
2	23	58	29	44	2	31	47	2	23	54	29	46	2	31	43
2	51	18	30	33	3	0	41	2	51	14	30	36	3	0	37
3	19	12	31	46	3	30	9	3	19	10	31	50	3	30	7
3	47	56	33	21	4	0	27	3	47	56	33	25	4	0	27
4	17	38	34	57	4	31	42	4	17	41	33	1	4	31	45
4	48	20	36	18	5	3	58	4	48	24	36	25	5	4	2
5	19	41	36	56	5	36	53	5	19	47	30	53	5	36	59
5	51	12	36	26	0	9	58	5	51	17	36	13	0	10	3

253								254							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	49	33	30	0	4	49	0	4	50	33	28	0	4	50
0	33	53	31	55	0	53	27	0	33	52	31	52	0	33	26
1	2	3	30	37	1	5	11	1	2	0	30	35	1	5	8
1	29	36	29	52	1	34	17	1	29	32	29	51	1	34	13
1	56	45	29	37	2	3	0	1	56	40	29	37	2	2	55
2	23	49	29	47	2	31	38	2	23	45	29	49	2	31	33
2	51	11	30	38	3	0	34	2	51	7	30	41	4	0	30
3	19	8	31	53	3	30	5	3	19	6	31	57	3	30	3
3	47	56	33	29	4	0	27	3	47	57	33	33	4	0	28
4	17	44	35	5	4	31	48	4	17	47	35	9	4	31	51
4	48	29	36	23	5	4	7	4	48	34	36	25	5	4	12
5	19	53	33	26	5	37	5	5	19	59	36	52	5	37	11
5	51	22	36	21	0	10	8	5	51	27	36	18	0	10	19

255								256							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	51	33	22	0	4	51	0	4	52	33	18	0	4	52
0	33	51	31	49	0	35	25	0	33	49	31	46	0	35	23
1	1	57	30	33	1	5	5	1	1	54	30	31	1	5	2
1	29	28	29	49	0	34	0	1	29	24	29	48	1	34	5
1	56	36	29	37	2	2	51	1	56	31	29	37	2	2	46
2	23	40	29	51	2	31	29	2	23	36	29	53	2	31	25
2	51	4	30	44	3	0	27	2	51	0	30	47	3	0	23
3	19	5	32	0	3	30	2	3	19	3	32	3	3	30	0
3	47	57	33	37	4	0	28	3	47	58	33	41	4	0	29
4	17	50	35	12	4	31	54	4	17	52	35	18	4	31	56
4	48	39	36	37	5	4	17	4	48	44	36	29	5	4	22
5	20	4	36	52	5	37	16	5	20	10	36	52	5	37	22
5	51	32	36	16	0	10	18	5	51	37	36	13	0	10	23

257							
Locus ☽ ad ho.					Arg. lati.		
S	g̃	m̄	m̄	2	S	g̃	m̄
0	4	53	33	14	0	4	53
0	33	48	31	43	0	35	22
1	1	51	30	29	1	4	59
1	29	19	29	47	1	34	6
1	56	26	29	38	2	2	41
2	23	32	29	55	2	31	21
2	56	57	30	49	3	0	20
3	19	2	32	7	3	29	59
3	47	59	33	45	4	0	30
4	17	55	35	20	4	31	59
4	48	49	36	31	5	4	27
5	20	16	36	52	5	37	28
5	51	42	36	11	0	10	28

258							
Locus ☽ ad ho.					Arg. lati.		
S	g̃	m̄	m̄	2	S	g̃	m̄
0	4	54	33	10	0	4	54
0	33	46	31	39	0	35	20
1	1	47	30	29	1	4	55
1	29	15	29	46	1	33	56
1	56	21	29	38	2	2	36
2	23	57	29	57	2	31	16
2	50	24	30	52	3	0	17
3	19	0	32	10	3	29	57
3	48	0	33	49	4	0	31
4	17	59	35	24	4	32	3
4	48	54	36	33	5	4	32
5	20	21	36	51	5	37	33
5	51	47	36	8	0	10	33

259							
S	g̃	m̄	m̄	2	S	g̃	m̄
0	4	54	33	6	0	4	54
0	33	45	31	35	0	35	19
1	1	44	30	25	1	4	52
1	29	11	29	45	1	33	52
1	56	16	29	38	2	2	31
2	23	23	29	59	2	31	13
2	50	51	30	54	3	0	14
3	18	59	32	14	3	29	56
3	[illegible]	1	33	53	4	0	32
4	18	2	35	27	4	32	6
4	48	59	36	35	5	4	37
5	20	27	36	51	5	37	39
5	51	52	36	6	0	10	38

260							
S	g̃	m̄	m̄	2	S	g̃	m̄
0	4	55	33	3	0	4	55
0	33	43	31	31	0	35	17
1	1	40	30	23	1	4	48
1	29	6	29	45	1	33	47
1	56	12	29	38	2	2	27
2	23	19	30	1	2	31	8
2	50	48	30	56	3	0	11
3	18	58	32	18	3	29	55
3	48	2	33	56	4	0	33
4	18	5	35	30	4	32	9
4	49	4	36	37	5	4	42
5	20	33	36	50	5	37	45
5	51	57	36	3	0	10	43

261								262							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	55	33	0	0	4	55	0	4	55	32	56	0	4	55
0	33	41	31	28	0	35	15	0	33	39	31	25	0	35	13
1	1	37	30	21	1	4	45	1	1	33	30	19	1	4	48
1	29	2	29	44	1	33	43	1	28	57	29	44	1	33	38
1	56	7	29	38	2	2	22	1	56	2	29	38	2	2	17
2	23	15	30	2	2	31	4	2	23	10	30	4	2	30	59
2	50	45	30	59	3	0	8	2	50	41	31	1	3	1	0
3	19	56	32	21	3	29	53	3	18	55	32	25	3	29	52
3	48	3	34	0	4	0	34	3	48	4	34	4	4	0	35
4	18	9	35	33	4	32	13	4	18	12	35	36	4	32	16
4	49	9	36	38	5	4	41	4	49	14	36	39	5	4	52
5	20	38	36	49	5	37	50	5	20	44	36	48	5	37	56
5	52	1	36	0	0	10	47	5	52	6	35	57	0	10	52

263								264							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	56	32	32	0	4	56	0	4	56	32	48	0	4	56
0	33	36	31	22	0	35	11	0	33	35	31	19	0	35	9
1	1	30	30	17	1	4	38	1	1	26	30	15	1	4	34
1	28	53	29	34	1	33	34	1	28	18	29	43	1	33	29
1	55	58	29	39	2	2	13	1	55	53	29	40	2	2	8
2	23	6	30	6	2	30	55	2	23	2	30	8	2	30	51
2	50	38	31	4	3	0	1	2	50	36	31	7	3	59	59
3	18	54	32	24	3	29	51	3	18	53	32	32	2	29	50
3	48	5	34	8	4	0	36	3	48	7	34	12	4	0	38
4	18	16	35	39	4	32	20	4	18	19	35	42	4	32	23
4	49	19	36	41	5	4	57	4	49	25	36	42	5	5	3
5	20	49	36	47	5	38	1	5	20	55	36	46	5	38	7
5	52	10	35	54	0	10	56	5	52	15	35	51	0	11	1

265							
Locus ad ☽			ho.		Arg. lati.		
S	g	m̄	m̄	2	S	g	m̄
0	4	56	32	44	0	4	56
0	33	33	31	16	0	35	7
1	1	23	30	14	1	4	31
1	28	43	29	42	1	33	24
1	55	48	29	40	2	2	3
2	22	58	30	10	2	30	47
2	50	33	31	10	2	59	56
3	18	53	32	36	3	29	50
3	48	8	34	16	4	0	39
4	18	23	35	45	4	32	27
4	49	30	36	44	5	5	8
5	21	1	36	45	5	38	13
5	52	19	35	48	0	11	5

266							
Locus ad ☽			ho.		Arg. lati.		
S	g	m̄	m̄	2	S	g	m̄
0	4	56	32	40	0	4	56
0	33	31	31	13	0	35	5
1	1	19	30	12	1	4	27
1	28	39	29	42	1	33	20
1	55	44	29	41	2	1	59
2	22	54	30	12	2	30	43
2	50	30	31	13	2	59	53
3	18	52	32	39	3	29	49
3	48	10	34	20	4	0	41
4	18	27	35	48	4	32	31
4	49	35	36	45	5	5	13
5	21	6	36	44	5	38	18
5	52	24	35	45	0	11	10

267							
S	g	m̄	m̄	2	S	g	m̄
0	4	56	32	36	0	4	56
0	33	29	31	10	0	35	3
1	1	15	30	10	1	4	23
1	28	34	29	41	1	33	15
1	55	39	29	41	2	1	54
2	22	50	30	13	2	30	39
2	50	28	31	16	2	59	51
3	18	51	32	42	3	29	48
3	48	12	34	24	4	0	43
4	18	31	35	51	4	37	35
4	49	41	36	46	5	5	19
5	21	12	36	42	5	38	24
5	52	28	35	42	0	11	14

268							
S	g	m̄	m̄	2	S	g	m̄
0	4	56	32	32	0	4	56
0	33	26	31	7	0	35	0
1	1	11	30	8	1	4	19
1	28	30	29	41	1	33	11
1	55	34	29	42	2	1	49
2	22	46	30	15	2	30	35
2	50	25	31	15	2	59	48
3	18	51	32	47	3	29	48
3	48	14	34	28	4	0	45
4	18	35	35	54	4	32	39
4	49	46	36	47	5	5	24
5	21	17	36	42	5	38	29
5	52	32	35	39	0	11	18

269								270							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m̄	m̄	2	S	g	m̄	S	g	m̄	m̄	2	S	g	m̄
0	4	55	32	28	0	4	55	0	4	55	32	27	0	4	55
0	33	24	31	4	0	34	58	0	33	22	31	2	0	34	56
1	1	7	30	6	1	4	15	1	1	3	30	5	1	4	11
1	28	25	29	40	1	33	6	1	28	20	29	34	1	33	1
1	55	29	29	42	2	1	44	1	55	25	29	43	2	1	40
2	22	42	30	17	2	30	31	2	22	30	30	19	2	30	27
2	50	22	31	22	2	59	45	2	50	20	31	25	2	59	43
3	18	50	32	51	3	29	47	3	18	50	32	55	3	29	47
3	48	15	34	33	4	0	46	3	48	17	34	36	4	0	48
4	18	39	35	57	4	32	45	4	18	43	36	0	4	32	47
4	49	51	36	45	5	5	29	4	49	57	36	56	5	5	35
5	21	23	36	41	5	38	35	5	21	28	36	39	5	38	40
5	52	36	35	36	0	11	22	5	52	40	35	33	0	11	26

271								272							
S	g	m̄	m̄	2	S	g	m̄	S	g	m̄	m̄	2	S	g	m̄
0	4	54	32	21	0	4	54	0	4	54	32	17	0	4	54
0	33	19	30	58	0	34	53	0	33	16	30	55	0	34	50
1	0	59	30	4	1	4	7	1	0	55	30	2	1	4	3
1	28	16	29	39	1	32	57	1	28	11	29	39	1	32	52
1	55	20	29	44	2	1	35	1	55	15	29	45	2	1	30
2	22	34	30	21	2	30	23	2	22	30	30	23	2	30	17
2	50	18	31	28	2	59	41	2	50	15	31	31	2	59	38
3	18	49	32	58	3	29	46	3	18	49	33	2	3	29	46
3	48	19	34	40	4	0	50	3	48	22	34	43	4	0	53
4	18	47	36	3	4	32	51	4	18	51	36	6	4	32	55
4	50	2	36	50	5	5	40	4	50	8	36	50	5	5	46
5	21	33	36	37	5	38	45	5	21	39	36	32	5	38	51
5	52	44	35	30	0	11	30	5	52	48	35	26	0	11	34

273								274							
Locus ☽			ad ho.		Arg. lati.			Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	53	32	13	0	4	53	0	4	53	32	9	0	4	53
0	33	14	30	50	0	34	48	0	33	11	30	52	0	34	45
1	0	51	30	1	1	3	59	1	0	47	29	59	1	3	55
1	28	6	29	39	1	32	47	1	28	1	29	38	1	32	42
1	55	11	29	46	2	1	26	1	55	6	29	47	1	2	21
2	22	26	30	25	2	30	15	2	22	22	30	27	2	30	11
2	50	13	31	34	2	59	36	2	50	11	31	37	2	59	34
3	18	49	33	5	3	29	46	3	18	49	33	8	3	29	46
3	48	24	34	47	4	0	55	3	48	26	34	50	4	0	57
4	18	56	33	9	4	33	0	4	19	0	36	12	4	33	4
4	50	13	36	50	5	5	51	4	50	19	36	51	5	5	57
5	21	44	36	33	5	38	56	5	21	49	36	31	5	39	1
5	52	52	35	23	0	11	38	5	52	26	35	19	0	11	42

275								276							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	52	32	6	0	4	52	0	4	51	32	2	0	4	51
0	33	8	30	49	0	34	22	0	33	6	30	47	0	34	40
1	0	43	20	58	1	3	51	1	0	39	29	56	1	3	47
1	27	57	29	38	1	32	38	1	27	52	28	38	1	32	33
1	55	2	29	48	2	1	17	1	54	57	29	49	2	1	13
2	22	19	30	30	2	30	8	2	20	15	30	32	2	30	4
2	50	9	31	40	2	59	32	2	58	7	31	43	2	59	30
3	58	49	33	12	3	29	46	3	18	49	33	17	3	29	46
3	48	29	34	54	4	1	0	3	48	31	34	57	4	1	2
4	19	5	36	14	4	33	9	4	19	0	36	17	4	33	13
4	50	25	36	51	5	6	3	4	50	30	36	51	5	6	8
5	21	55	36	29	5	39	7	5	22	0	36	27	5	39	12
5	52	49	35	16	0	11	45	5	53	3	35	12	0	11	49

277								278							
Locus ad.					Arg.			Locus ad					Arg.		
☽ ho.					lati.			☾ ho.					lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	50	31	59	0	4	50	0	4	49	31	56	0	4	49
0	33	2	30	44	0	34	36	0	32	59	30	41	0	34	33
1	0	35	29	55	1	3	43	1	0	30	29	53	1	2	38
1	27	47	29	38	1	32	28	1	27	43	29	37	1	32	24
1	54	52	29	50	2	1	7	1	54	48	29	51	2	1	3
2	22	12	30	39	2	30	1	2	22	8	30	37	2	30	57
2	50	5	31	46	2	59	28	2	50	3	31	49	3	59	26
3	18	50	33	13	3	29	47	3	18	50	33	23	3	29	47
3	48	34	35	1	4	1	5	3	48	37	35	4	4	1	8
4	19	14	36	19	4	33	18	4	19	18	36	21	4	33	22
4	50	36	36	52	5	6	14	4	50	41	36	52	5	6	19
5	22	5	36	25	5	39	17	5	20	10	36	23	5	39	22
5	53	6	35	9	0	11	52	5	53	10	35	5	0	11	56

279								280							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	47	31	53	0	4	47	0	4	46	35	50	0	4	46
0	32	56	30	38	0	34	30	0	32	53	30	36	0	34	27
1	0	26	29	52	1	3	34	1	0	22	29	51	1	3	30
1	27	38	29	37	1	32	19	1	27	33	29	37	1	32	14
1	54	43	29	52	2	0	58	1	54	39	29	53	2	0	54
2	22	5	30	39	2	9	54	2	22	1	30	41	2	29	50
2	50	1	31	53	2	59	24	2	49	59	31	57	2	59	22
3	18	50	33	27	3	29	47	3	18	51	33	31	3	29	48
3	48	40	35	8	4	1	11	3	48	43	35	12	4	1	14
4	19	23	36	24	4	33	27	4	19	28	36	26	4	33	32
4	50	47	36	52	5	6	55	4	50	53	36	53	5	6	31
5	22	15	36	21	5	39	27	5	22	20	36	19	5	39	32
5	53	13	35	2	0	11	59	5	53	16	34	58	0	12	2

281								282							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	45	31	47	0	4	45	0	4	43	31	44	0	4	43
0	32	50	30	34	0	34	24	0	32	47	30	32	0	34	21
1	0	18	29	50	1	3	26	1	0	13	29	49	1	3	21
1	27	29	29	37	1	32	10	1	27	24	29	37	1	32	5
1	54	34	29	54	2	0	49	1	54	30	29	56	2	0	45
2	21	58	30	43	2	29	47	2	21	54	30	46	2	29	43
2	49	58	32	0	2	59	21	2	49	56	32	4	2	59	19
3	18	51	33	35	3	29	48	3	18	52	33	39	3	29	47
3	49	45	35	15	4	1	16	3	48	49	35	19	4	1	20
4	19	33	36	28	4	33	37	4	19	38	36	30	4	33	42
4	50	58	36	52	5	6	36	4	51	4	36	52	5	6	42
5	22	25	36	17	5	39	37	5	22	30	34	15	5	39	42
5	53	19	34	55	0	12	5	5	53	22	34	51	0	12	8

283								284							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	42	31	42	0	4	42	0	4	40	31	38	0	4	40
0	32	44	30	30	0	34	18	0	32	40	30	28	0	34	14
1	0	9	29	48	1	3	17	1	0	5	29	47	1	3	13
1	27	19	29	37	1	32	0	1	27	14	29	38	1	31	55
1	54	26	29	57	2	0	41	1	54	21	29	59	2	0	36
2	21	51	30	48	2	29	40	2	21	48	30	50	2	29	36
2	49	55	32	7	2	59	18	2	49	53	32	11	2	59	16
3	18	53	33	43	3	29	50	3	18	54	33	47	3	29	51
3	48	52	35	22	4	1	23	3	48	55	35	25	4	1	16
4	19	43	36	32	4	33	47	4	19	48	36	33	4	33	52
4	51	10	36	51	5	6	48	4	51	15	36	51	5	6	53
5	22	35	36	13	5	39	47	5	22	40	36	10	5	39	52
5	53	25	34	48	0	12	11	5	53	28	34	44	0	12	14

285

Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m
0	4	39	31	35	0	4	39
0	32	37	30	26	0	34	11
1	0	0	29	46	1	3	8
1	27	9	29	38	1	31	50
1	54	17	30	1	2	0	32
2	21	45	30	52	2	29	34
2	49	52	32	14	2	59	15
3	18	55	33	51	3	29	52
3	48	58	35	29	4	1	29
4	19	55	36	35	4	33	57
4	51	21	36	50	5	6	59
5	22	45	36	7	5	30	57
5	53	31	34	40	0	12	17

286

Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m
0	4	37	31	32	0	4	37
0	32	33	30	24	0	34	7
0	59	56	29	45	1	3	4
1	27	5	29	38	1	31	46
1	54	13	30	2	2	0	28
2	21	41	30	56	2	29	31
2	49	51	32	17	2	59	14
3	18	56	33	55	3	29	53
3	49	2	35	32	4	1	33
4	19	58	36	17	4	34	2
4	51	27	36	56	5	7	5
5	22	50	36	4	5	40	2
5	53	34	34	36	0	12	20

287

S	g	m	m	2	S	g	m
0	4	35	31	29	0	4	35
0	32	30	30	22	0	34	4
0	59	51	29	44	1	2	59
1	27	0	29	38	1	31	41
1	54	9	30	4	2	0	24
2	21	39	30	58	2	29	28
2	49	49	32	21	2	59	12
3	18	57	33	59	3	29	54
3	49	5	35	25	4	1	36
4	20	3	36	38	4	34	7
4	51	32	36	49	5	7	10
5	22	54	36	1	5	40	6
5	53	37	34	32	0	12	23

288

S	g	m	m	2	S	g	m
0	4	33	31	26	0	4	33
0	32	26	30	28	0	34	6
0	59	47	29	43	1	2	55
1	26	55	29	38	1	31	36
1	54	4	30	5	2	0	19
2	21	36	31	1	2	29	25
2	49	48	32	24	2	59	11
3	18	58	34	3	3	29	55
3	49	9	35	39	4	1	42
4	20	8	36	41	4	34	12
4	51	38	36	49	5	7	16
5	22	59	35	58	5	40	11
5	53	39	34	28	0	12	25

289								290							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m̃	2	S	g	m	S	g	m	m̃	2	S	g	m
0	4	31	31	23	0	4	31	0	4	29	31	19	0	4	29
0	32	23	30	18	0	33	57	0	32	19	30	15	0	33	53
0	59	42	29	42	1	2	50	0	59	37	29	41	1	2	45
1	26	51	29	39	1	31	32	1	26	46	29	39	1	31	27
1	54	0	30	7	2	5	15	1	53	56	30	8	2	0	11
2	21	33	31	4	2	29	22	2	21	30	31	7	2	29	19
2	49	47	32	28	2	59	10	2	49	46	32	32	2	59	9
3	18	59	34	7	3	29	56	3	19	1	34	11	3	29	58
3	49	12	35	43	4	1	43	3	49	16	35	46	4	1	47
4	20	13	36	42	4	34	17	4	20	19	36	43	4	34	23
4	51	43	36	48	5	7	21	4	51	49	36	47	5	7	27
5	23	3	35	55	5	40	15	5	23	8	35	52	5	40	20
5	53	42	34	24	0	12	28	5	53	44	34	20	0	12	30

291								292							
S	g	m	m̃	2	S	g	m	S	g	m	m̃	2	S	g	m
0	4	27	31	16	0	4	27	0	4	25	31	13	0	4	25
0	32	16	30	13	0	33	50	0	32	12	30	11	0	30	46
0	59	33	29	41	1	2	41	0	59	28	29	40	1	2	36
1	26	41	29	39	1	31	22	1	26	37	29	39	1	31	18
1	53	52	30	10	2	0	7	1	53	48	30	11	2	0	3
2	21	27	31	10	2	29	16	2	21	24	31	13	2	29	13
2	49	46	32	35	2	59	9	2	49	45	32	38	2	50	8
3	19	2	34	15	3	29	59	3	19	4	34	19	3	30	1
3	49	20	35	49	4	1	51	3	49	24	35	52	4	1	55
4	20	24	36	44	4	34	28	4	20	29	36	45	4	34	33
4	51	55	36	46	5	7	33	4	52	0	36	44	5	7	38
5	23	12	35	49	5	40	24	5	3	17	35	46	5	40	29
5	53	46	34	17	0	12	32	5	53	49	34	13	0	12	35

293								294							
Locus ☽			ad ho.		Arg. lati.			Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	23	31	10	0	4	23	0	4	20	31	7	0	4	20
0	32	8	30	10	0	33	42	0	32	4	30	8	0	33	38
0	59	24	29	40	1	2	32	0	59	19	29	39	1	2	27
1	26	32	29	39	1	31	13	1	26	27	29	39	1	31	8
1	53	44	30	13	1	59	59	1	53	40	30	15	1	59	55
2	21	22	31	16	2	29	11	2	21	19	31	19	2	29	8
2	49	44	32	42	2	59	7	2	49	44	32	46	2	59	7
3	19	6	34	23	3	30	3	3	19	8	34	27	3	30	5
3	49	28	35	54	4	1	59	3	49	32	35	57	4	2	3
4	20	35	36	46	4	34	39	4	20	40	36	47	4	34	44
4	52	6	36	43	5	7	44	4	52	11	36	41	5	7	49
5	23	21	35	43	5	40	33	5	23	25	35	40	5	40	37
5	53	51	34	9	0	12	37	5	53	53	34	5	0	12	39

295								296							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	18	31	4	0	4	18	0	4	16	31	1	0	4	16
0	32	4	30	6	0	33	34	0	31	56	30	4	0	33	30
0	59	14	29	39	1	2	22	0	59	10	29	38	1	2	18
1	26	22	29	39	1	31	3	1	26	18	29	39	1	30	59
1	53	36	30	17	1	59	51	1	53	32	30	15	1	59	47
2	21	16	31	22	2	22	5	2	21	14	31	25	2	29	3
2	49	43	32	50	2	59	6	2	49	43	32	54	2	59	6
3	19	9	34	31	3	30	7	3	19	11	34	35	3	30	8
3	49	36	36	0	4	2	7	3	49	40	36	3	4	2	11
4	20	45	36	48	4	34	49	4	20	51	36	49	4	34	55
4	52	17	36	39	5	4	55	4	52	22	36	38	5	8	0
5	23	29	35	37	5	40	41	4	23	33	35	34	5	40	45
5	53	54	34	1	0	12	40	5	53	56	33	57	0	12	42

297								298							
Locus ☽ ad ho.					Arg. lati.			Locus ☽ ad ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	13	30	58	0	4	13	0	4	10	30	55	0	4	10
0	31	52	30	3	0	33	26	0	31	48	30	1	0	33	22
0	59	5	29	38	1	2	13	0	59	0	29	30	1	2	8
1	26	13	29	39	1	30	54	1	26	8	29	40	1	30	49
1	53	28	30	21	1	59	43	1	53	24	30	23	1	59	39
2	21	12	31	28	2	29	1	2	21	9	31	31	2	28	58
2	49	42	32	58	2	50	5	2	49	42	33	2	2	59	5
3	19	13	34	39	3	30	10	3	19	16	34	43	3	30	13
3	49	44	36	6	4	2	15	3	49	49	36	9	4	2	20
4	20	56	36	50	4	35	0	4	21	2	36	51	4	35	6
4	52	27	36	36	5	8	5	4	52	33	36	35	5	8	11
5	23	37	35	30	5	40	49	5	23	41	35	27	5	40	53
5	53	58	33	53	0	12	44	5	54	0	33	49	0	12	46

299								300							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	4	8	30	52	0	4	8	0	4	5	30	50	0	4	5
0	31	44	29	0	0	33	18	0	31	40	29	59	0	33	14
0	58	55	29	37	1	2	3	0	58	51	29	36	1	1	59
1	26	4	29	40	1	30	45	1	25	59	29	40	1	30	40
1	53	20	30	25	1	59	35	1	53	16	30	27	1	59	31
2	21	7	31	34	2	28	56	2	21	5	31	37	2	28	54
2	49	42	33	6	2	59	5	2	49	42	33	18	2	59	5
3	19	18	34	47	3	30	15	3	19	20	34	51	3	30	17
3	49	53	36	12	4	2	24	3	49	58	36	14	4	2	29
4	21	7	36	52	4	35	11	4	21	13	36	52	4	35	17
4	52	38	36	34	5	8	16	4	52	43	36	32	5	8	21
5	23	45	35	23	5	40	57	5	23	49	35	20	5	41	1
5	54	1	33	45	0	12	47	5	54	53	33	41	0	12	49

301							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
0	4	2	30	47	0	4	2
0	31	36	29	58	0	33	10
0	59	56	29	36	1	1	54
1	25	55	29	41	1	30	36
1	53	13	30	29	1	59	28
2	21	3	31	40	2	28	52
2	49	42	33	13	2	59	5
3	19	23	34	54	3	30	20
3	50	2	36	17	4	2	33
4	21	19	36	52	4	35	23
4	52	49	36	30	5	7	27
5	23	52	35	17	5	41	4
5	54	4	33	37	0	12	50

302							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
0	4	0	30	47	0	4	0
0	31	32	29	56	0	33	6
0	58	41	29	36	1	1	49
1	21	50	29	43	1	30	51
1	53	9	30	11	1	59	24
2	21	1	31	44	2	28	50
2	49	42	33	17	2	59	5
3	19	25	34	58	3	30	22
3	50	7	36	19	4	2	38
4	21	24	36	52	4	35	28
4	52	54	36	27	4	8	32
5	23	56	35	14	5	41	8
5	54	5	33	33	0	12	51

303							
S	g	m	m	2	S	g	m
0	3	56	30	43	0	3	56
0	31	28	39	54	0	33	2
0	58	37	29	36	1	1	45
1	25	45	29	45	1	30	26
1	53	6	30	33	1	59	21
2	20	59	31	47	2	28	48
2	49	43	33	21	2	59	6
3	19	28	35	1	3	30	25
3	50	11	36	21	4	2	42
4	21	30	36	52	4	35	34
4	52	59	36	21	5	8	37
5	23	59	35	10	5	41	11
5	54	6	33	29	0	12	52

304							
S	g	m	m	2	S	g	m
0	3	53	30	40	0	3	53
0	31	23	29	52	0	32	57
0	58	32	29	37	1	1	40
1	25	41	29	47	1	30	22
1	53	2	30	36	1	59	17
2	20	57	31	51	2	28	46
2	49	43	33	25	2	59	6
3	19	31	35	5	3	30	28
3	50	16	36	23	4	2	47
4	21	35	36	51	4	35	39
4	53	4	36	23	5	8	42
5	24	3	35	7	5	41	15
5	54	7	33	25	0	52	53

305								306							
Locus ☽			ad ho.		Arg. lati.			Locus ☽			ad ho.		Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	50	30	38	0	3	50	0	3	47	30	35	0	3	47
0	31	19	29	50	0	32	53	0	31	15	29	48	0	32	49
0	58	27	39	37	1	1	35	0	58	23	29	35	1	1	31
1	25	36	29	49	1	30	17	1	25	32	26	51	1	30	13
1	52	58	30	38	1	59	15	1	52	55	30	44	1	59	10
2	20	55	31	55	2	28	44	2	20	53	31	58	2	28	42
2	49	44	33	29	2	59	7	2	49	44	33	33	2	59	7
3	19	34	35	9	3	30	31	3	19	37	35	12	3	30	34
3	50	21	36	25	4	2	52	3	50	26	36	27	4	2	57
4	21	41	36	51	4	35	45	4	21	47	36	51	4	35	51
4	53	9	36	20	5	8	47	4	53	14	36	18	5	8	52
5	24	6	35	3	5	41	18	5	24	9	35	0	5	41	21
5	54	8	33	21	0	12	54	5	54	9	33	17	0	12	55

307								308							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	44	30	32	0	1	44	0	3	41	30	30	0	3	41
0	31	11	29	46	0	32	45	0	31	6	29	44	0	32	40
0	58	18	29	37	1	1	26	0	58	13	29	37	1	1	21
1	25	27	29	53	1	30	8	1	25	21	29	55	1	30	4
1	52	52	30	43	1	59	7	1	52	48	30	45	1	59	3
2	20	52	32	1	2	28	41	2	20	50	32	4	2	28	39
2	49	44	33	37	2	59	7	2	49	45	33	41	2	59	8
3	19	40	35	15	3	30	36	3	19	43	35	19	3	30	40
3	50	31	36	29	4	3	2	3	50	36	36	31	4	3	7
4	21	52	36	51	4	35	56	4	21	58	36	51	4	35	2
4	53	19	36	16	5	8	57	4	53	24	36	13	5	8	2
5	24	12	34	56	5	41	24	5	24	16	34	53	5	41	28
5	54	10	33	14	0	12	56	5	54	11	33	10	0	12	57

309								310							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	38	30	28	0	3	38	0	3	34	30	27	0	3	34
0	31	2	29	42	0	32	36	0	30	58	29	40	0	32	32
0	58	8	29	38	1	1	16	0	59	3	29	38	1	1	11
1	25	19	29	57	1	30	0	1	25	14	29	59	1	29	55
1	52	45	30	47	2	59	0	1	52	42	30	50	1	58	57
2	20	49	32	8	2	28	38	2	20	47	32	11	2	28	36
2	49	46	33	45	2	59	9	2	49	47	33	49	2	59	10
3	19	46	35	22	3	30	43	3	19	49	35	26	3	30	46
3	50	41	36	33	4	3	12	3	50	46	36	35	4	3	17
4	22	4	36	51	4	36	8	4	22	9	36	51	4	36	13
4	53	29	36	11	5	9	8	4	53	34	36	9	5	9	12
5	24	18	34	49	5	41	30	5	24	21	34	46	5	41	33
5	54	11	33	6	0	12	57	5	54	12	33	3	0	12	58

311								312							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	31	30	25	0	3	31	0	3	27	30	23	0	3	27
0	30	53	29	40	0	32	27	0	30	49	29	40	0	32	23
0	57	59	29	38	1	1	7	0	57	54	29	38	1	1	2
1	25	10	30	0	1	29	51	1	25	6	30	2	1	29	47
1	52	39	30	52	1	58	54	1	52	36	30	55	1	58	51
2	20	46	32	14	2	28	35	2	28	45	32	17	2	28	34
2	49	48	33	53	2	59	11	2	49	47	33	57	2	59	12
3	19	52	35	29	3	30	49	3	19	56	35	33	3	30	53
3	50	51	36	37	4	3	22	3	50	56	36	38	4	3	27
4	22	15	36	50	4	36	19	4	22	21	36	50	4	36	25
4	53	39	36	6	5	9	17	4	53	44	36	3	5	9	22
5	24	24	34	42	5	41	36	5	24	27	34	38	5	41	39
5	54	12	33	0	0	12	58	5	54	12	32	56	0	12	58

313								314							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	24	30	21	0	3	24	0	3	20	30	19	0	3	20
0	30	44	29	40	0	32	18	0	30	48	29	40	0	32	14
0	57	49	29	39	1	0	57	0	57	45	29	39	1	0	53
1	25	2	30	13	1	29	43	1	24	57	30	5	1	29	38
1	52	33	30	58	1	58	48	1	52	30	31	1	1	58	45
2	20	43	32	22	2	28	32	2	20	42	32	26	2	28	31
2	49	50	34	1	2	59	13	2	49	51	34	5	2	59	14
3	19	59	35	36	3	30	56	3	20	3	35	39	3	31	0
3	51	1	36	40	4	3	32	3	51	6	36	41	4	3	37
4	22	2	36	49	4	36	30	4	22	32	36	48	4	36	36
4	53	48	36	0	5	9	26	4	53	53	35	57	5	9	31
5	24	30	34	34	5	41	42	5	24	32	34	30	5	41	44
5	54	13	32	52	0	12	59	5	54	13	32	48	0	12	59

315								316							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	3	17	30	17	0	3	17	0	3	13	30	15	0	3	13
0	30	35	29	40	0	32	9	0	30	30	29	40	0	32	4
0	57	40	29	40	1	0	48	0	57	35	29	48	1	0	43
1	24	53	30	6	0	29	34	1	24	49	30	8	1	29	30
1	52	26	31	4	1	58	41	1	52	24	31	4	1	58	39
2	20	41	32	29	2	28	30	2	20	40	32	33	2	28	30
2	49	52	34	9	2	59	15	2	49	54	34	13	2	59	16
3	20	6	35	43	3	31	3	3	20	10	35	47	3	31	7
3	51	12	36	43	4	3	43	3	51	17	36	44	4	3	48
4	22	37	36	47	4	36	41	4	22	43	36	46	4	36	47
4	53	57	35	54	5	9	35	4	54	2	35	51	5	9	39
5	24	35	34	25	5	41	47	5	24	37	34	21	5	41	49
5	54	13	32	44	0	12	59	5	54	13	32	40	0	12	59

317							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
0	3	10	39	13	0	3	10
0	30	26	29	40	0	32	0
0	57	31	29	41	1	0	39
1	24	45	30	9	1	29	26
1	52	21	31	10	1	58	36
2	20	40	32	36	2	28	39
2	49	55	34	17	2	59	18
3	20	14	35	54	3	31	11
3	51	22	36	46	4	3	53
4	22	49	36	45	4	36	53
4	54	6	35	48	5	9	44
5	24	39	34	17	5	41	51
5	54	13	32	36	0	12	57

318							
Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m
0	3	6	30	12	0	3	6
0	30	21	29	39	0	31	55
0	57	26	29	41	1	0	34
1	24	41	30	11	1	29	22
1	52	18	31	13	1	58	33
2	20	39	32	40	2	28	28
2	49	57	34	21	3	59	:0
3	20	18	35	53	3	31	55
3	51	28	36	47	4	3	59
4	22	54	36	44	4	36	57
4	54	11	35	45	4	9	49
5	24	42	34	12	5	41	54
5	54	12	32	32	0	12	58

319							
S	g	m	m	2	S	g	m
0	3	2	30	10	0	3	2
0	35	17	29	39	0	31	51
0	54	21	29	42	1	0	29
1	24	37	30	13	1	29	18
1	52	16	31	16	1	58	31
2	20	38	32	43	2	28	27
2	49	59	34	25	2	59	22
3	20	22	35	56	3	31	19
3	51	33	36	48	4	4	4
4	23	0	36	42	4	37	4
4	54	15	35	43	5	9	53
5	24	44	31	8	5	41	56
5	54	12	32	28	0	12	28

320							
S	g	m	m	2	S	g	m
0	2	58	30	8	0	2	58
0	30	12	29	39	0	31	46
0	57	16	29	42	1	0	24
1	24	33	30	15	1	29	14
1	52	13	31	19	1	58	28
2	20	38	32	48	2	28	27
2	50	1	34	28	2	59	24
3	20	26	35	58	3	31	23
3	51	38	36	49	4	4	9
4	23	5	36	42	4	37	9
4	54	19	35	40	5	9	57
5	24	46	34	8	5	41	58
5	54	12	32	24	0	12	58

321								322							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	54	30	7	0	2	54	0	2	50	30	5	0	2	50
0	30	7	29	39	0	31	41	0	30	3	29	39	0	31	37
0	57	12	29	43	1	0	20	0	57	7	29	44	1	0	15
1	24	29	30	17	1	29	10	1	24	25	30	19	1	29	6
1	52	10	31	22	1	58	25	1	52	8	31	25	1	58	23
2	20	37	32	50	2	28	26	2	20	37	32	54	2	28	26
2	50	2	34	32	2	59	24	2	50	4	34	36	2	59	27
3	20	30	36	0	3	31	27	3	20	34	36	3	3	31	31
3	51	44	36	49	4	4	15	3	51	49	36	50	4	4	20
4	23	11	36	41	4	37	15	4	23	16	36	39	4	37	20
4	54	23	35	37	5	10	1	4	54	27	35	34	5	10	5
5	24	47	34	0	5	41	59	5	24	49	33	56	5	42	11
5	54	11	32	20	0	12	57	5	54	11	32	17	0	13	51

323								324							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	46	30	4	0	2	46	0	2	42	30	4	0	2	42
0	29	58	29	39	0	31	32	0	29	53	29	39	0	31	27
0	57	2	29	45	1	0	10	0	56	58	29	46	1	0	6
1	24	21	30	21	1	29	2	1	24	17	30	23	1	28	58
1	52	6	31	28	1	58	21	1	52	3	31	31	1	58	18
2	20	36	32	58	2	28	25	2	20	36	33	2	2	28	25
2	50	6	34	39	2	59	29	2	50	9	34	43	2	59	32
3	20	38	36	5	3	31	55	3	20	43	36	8	3	31	40
3	51	55	36	54	4	4	26	3	52	0	36	51	4	4	31
4	23	21	36	37	4	37	25	4	23	27	36	35	4	37	31
4	54	31	35	30	5	10	9	4	54	35	35	26	5	10	13
5	24	51	33	52	5	42	3	5	24	53	33	48	5	42	5
5	54	10	32	14	0	12	56	5	54	9	32	10	0	12	55

325								326							
Locus)				ad ho.	Arg. lati.			Locus)				ad ho.	Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	38	30	1	0	2	38	0	2	34	29	59	0	2	34
0	29	48	29	39	0	31	22	0	29	44	29	39	0	31	18
0	56	53	29	47	1	0	1	0	56	49	29	48	0	59	57
1	24	13	30	25	1	28	54	1	24	9	30	27	1	28	50
1	52	1	31	34	1	58	16	1	51	59	31	37	1	58	15
2	20	36	33	6	2	28	25	2	20	36	33	9	2	28	25
2	50	11	34	47	2	59	34	2	50	13	34	50	2	59	36
3	20	47	36	10	3	31	44	3	20	52	36	13	3	31	49
3	52	6	36	51	4	4	37	3	52	12	36	51	4	4	43
4	23	32	36	33	4	37	36	4	23	37	36	31	4	37	41
4	54	29	35	23	5	10	18	4	54	43	35	19	5	10	21
5	24	54	34	44	5	42	6	5	24	56	33	40	5	42	8
5	54	9	32	7	0	12	55	0	54	8	32	4	0	12	54

327								328							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	30	29	58	0	2	30	0	2	26	29	56	0	2	26
0	29	39	29	38	0	31	13	0	29	34	29	38	0	31	8
0	56	44	29	49	0	59	52	0	56	39	29	50	0	59	47
1	24	6	30	29	1	28	47	1	24	2	30	31	1	28	43
1	51	57	31	40	1	58	12	1	51	55	31	43	1	58	10
2	20	36	33	13	2	28	25	2	20	36	33	16	2	28	25
2	50	16	34	54	2	59	39	2	50	18	34	55	2	59	41
3	20	56	36	15	3	31	53	3	20	1	36	18	3	31	58
3	52	17	36	52	4	4	48	3	52	23	36	52	4	4	54
4	23	43	36	29	4	37	47	4	23	48	36	27	4	37	52
4	54	46	35	16	5	10	24	4	54	50	35	12	5	10	28
5	24	57	33	36	5	42	9	5	24	58	33	32	5	42	10
5	54	7	32	1	0	12	53	5	54	6	31	58	0	12	52

329								330							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	22	29	55	0	2	22	0	2	17	29	53	0	2	17
0	29	30	29	38	0	31	4	0	29	25	29	37	0	31	59
0	56	35	29	51	0	59	43	0	56	30	29	52	0	59	38
1	23	59	30	33	1	28	40	1	23	55	30	36	1	28	36
1	51	53	31	46	1	58	8	1	51	51	31	50	1	58	6
2	20	37	33	20	2	28	26	2	20	37	33	24	2	28	26
2	50	21	35	2	2	59	44	2	50	24	35	5	2	59	47
3	21	5	36	21	3	32	2	3	21	10	36	23	3	32	7
3	52	28	36	52	4	4	59	3	52	34	36	53	4	5	5
4	23	53	36	25	4	37	57	4	23	58	36	23	4	38	2
4	54	53	35	9	5	10	31	4	54	57	35	5	5	10	35
5	24	59	33	28	5	42	11	5	25	0	33	24	5	42	12
5	54	4	31	54	0	14	50	5	54	3	31	50	0	12	49

331								332							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	13	29	52	0	2	13	0	2	9	29	51	0	2	9
0	29	20	29	37	0	30	54	0	29	16	29	37	0	30	50
0	56	26	29	53	0	59	34	0	56	21	29	54	0	59	29
1	23	51	30	38	1	28	32	1	23	48	30	41	1	28	29
1	51	49	31	53	1	58	4	1	51	47	31	57	1	58	2
2	20	37	33	28	2	28	26	2	20	38	33	32	2	28	27
2	50	27	35	8	2	59	50	2	50	30	35	12	2	59	53
3	21	15	36	25	3	32	12	3	21	20	36	27	3	32	17
3	52	40	36	53	4	5	11	3	52	45	36	53	4	5	16
4	24	3	36	21	4	38	7	4	24	8	36	18	4	38	12
4	55	0	35	2	5	10	38	4	55	3	34	58	5	10	41
5	25	1	33	20	5	42	13	5	25	2	33	16	5	42	14
5	54	2	31	46	0	12	48	5	54	0	31	43	0	12	46

333								334							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	2	5	29	50	0	2	5	0	2	0	29	45	0	2	0
0	29	11	29	37	0	30	45	0	29	6	29	37	0	30	40
0	56	17	29	56	0	59	25	0	56	13	29	57	0	59	21
1	23	45	30	43	1	28	26	1	23	41	30	46	1	28	22
1	51	46	31	0	1	58	1	1	51	44	32	4	1	57	59
2	20	38	33	36	2	28	27	2	20	39	33	40	2	28	28
2	50	32	35	15	2	59	55	2	50	35	35	29	2	59	58
3	21	25	36	29	3	32	22	3	21	30	36	31	3	32	27
3	52	51	36	52	4	5	22	3	52	54	36	51	4	5	28
4	24	13	36	16	4	38	17	4	24	18	36	13	4	38	22
4	55	6	34	55	5	10	44	4	55	10	34	51	5	10	48
5	25	3	33	12	5	42	15	5	25	4	33	8	5	42	16
5	53	59	31	40	0	12	45	5	53	57	31	37	0	12	43

335								336							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	56	29	48	0	1	56	0	1	52	29	47	0	1	52
0	29	1	29	37	0	30	35	0	28	56	29	38	0	30	30
0	56	8	29	59	0	59	16	0	56	4	30	0	0	59	12
1	23	38	30	48	1	28	19	1	23	35	30	51	1	28	16
1	51	43	32	7	1	57	58	1	51	41	32	10	1	57	56
2	20	40	33	44	2	28	29	2	20	41	33	48	2	28	30
2	50	39	35	22	3	0	2	2	50	42	35	25	3	0	5
3	21	35	36	33	3	32	32	3	21	40	36	35	3	32	37
3	53	2	36	51	4	5	33	3	53	48	36	50	4	5	39
4	24	23	36	10	4	38	27	4	24	28	36	8	4	38	32
4	55	12	34	47	5	10	50	4	55	15	34	43	5	10	53
5	25	4	33	4	5	42	16	5	25	5	33	1	5	42	17
5	53	56	31	34	0	12	42	5	53	54	31	31	0	12	40

337								338							
Locus ☽ ad. ho.					Arg. lati.			Locus ☾ ad ho.					Arg. lati.		
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
0	1	47	29	46	0	1	47	0	1	43	29	45	0	1	43
0	28	52	29	38	0	30	26	0	28	47	29	38	0	30	21
0	56	0	30	2	0	59	8	0	55	56	30	3	0	59	4
1	23	32	30	54	1	28	13	1	23	29	30	56	1	28	10
1	51	40	32	10	1	57	55	1	51	39	32	17	1	57	54
2	20	42	33	52	2	28	31	2	20	43	33	56	2	28	32
2	50	45	35	29	3	0	8	2	50	49	35	33	3	0	12
3	21	45	36	37	3	32	42	3	21	50	36	39	3	32	47
3	53	14	36	50	4	5	45	3	53	19	36	49	4	5	50
4	24	33	36	5	4	38	37	4	24	38	36	2	4	38	42
4	55	18	34	40	5	10	56	4	55	21	34	36	5	10	59
5	25	5	32	57	5	42	17	5	25	2	32	54	5	42	17
5	53	52	31	28	0	12	38	5	53	50	31	25	0	12	36

339								400							
S	g̃	m̃	m̃	2	S	g̃	m̃	S	g̃	m̃	m̃	2	S	g̃	m̃
0	1	38	29	49	0	1	38	0	1	34	29	42	0	1	34
0	28	42	29	38	0	30	16	0	28	38	29	39	0	30	12
0	55	51	30	5	0	58	59	0	55	47	30	6	0	58	55
1	23	26	30	59	1	28	7	1	23	23	31	2	1	28	4
1	51	37	32	21	1	57	52	1	51	36	32	24	1	57	51
2	20	44	34	0	2	28	33	2	20	45	34	4	2	28	34
2	50	52	35	36	3	0	15	3	50	56	35	40	3	0	19
3	21	55	36	41	3	32	52	3	22	0	36	42	3	32	57
3	53	25	36	49	4	5	56	3	53	30	36	48	4	6	1
4	24	42	36	0	4	38	46	4	24	47	35	58	4	38	51
4	55	24	34	32	5	11	2	4	55	26	34	28	5	11	4
5	25	6	32	50	5	42	18	4	25	26	32	47	5	42	18
5	53	48	31	22	0	12	34	5	53	46	31	19	0	12	32

341								342							
Locus ad. ☽ ho.					Arg. lati.			Locus ad ☾ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	29	29	43	0	1	29	0	1	24	29	42	0	1	24
0	28	33	29	39	0	30	7	0	28	28	29	40	0	30	2
0	55	43	30	8	0	59	51	0	55	39	30	9	0	58	47
1	23	19	31	4	1	28	0	1	23	17	31	7	1	28	58
1	51	35	32	27	1	57	50	1	51	34	32	31	1	57	49
2	20	46	34	8	2	28	35	2	20	48	34	12	2	28	37
2	50	59	35	43	3	0	22	2	51	3	35	46	3	0	26
3	22	6	36	47	3	33	3	3	22	11	36	44	3	33	8
3	53	36	36	47	4	6	7	3	53	42	36	45	4	6	13
4	24	51	35	57	4	38	55	4	24	56	35	54	4	39	0
4	55	29	34	25	5	11	7	4	55	31	34	21	5	11	9
5	25	6	32	43	5	42	18	5	25	6	32	40	5	42	18
5	53	48	31	17	0	12	30	5	53	42	31	14	0	12	22

343								344							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	20	29	42	0	1	20	0	1	15	29	41	0	1	15
0	28	24	29	40	0	29	58	0	28	19	29	41	0	29	53
0	55	35	30	11	0	58	43	0	55	31	30	13	0	58	38
1	23	14	31	10	1	27	55	1	23	11	31	13	1	27	52
1	51	34	32	35	1	57	49	1	51	33	32	39	1	57	48
2	20	50	34	16	2	28	39	2	20	51	34	22	2	28	40
2	51	7	35	49	3	0	30	2	51	11	35	50	3	0	34
3	22	13	36	45	3	33	13	3	22	22	36	46	3	33	19
3	53	47	36	44	4	6	18	3	53	55	36	42	4	6	24
4	25	0	35	51	4	39	4	4	25	5	35	48	4	39	9
4	55	33	34	17	5	11	11	4	55	36	34	13	5	11	14
5	25	6	32	36	5	42	18	5	25	6	32	33	5	42	18
5	53	40	31	11	0	12	26	5	53	37	31	8	0	12	23

345								346							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	11	29	41	0	1	11	0	1	6	29	40	0	1	6
0	28	14	29	41	0	29	48	0	28	9	29	42	0	29	43
0	55	27	30	15	0	58	35	0	55	23	30	17	1	58	31
1	23	9	31	16	1	27	50	1	23	6	31	19	1	27	47
1	51	32	32	43	1	57	41	1	51	32	32	47	1	57	47
2	20	52	34	24	2	28	41	2	20	54	34	28	2	28	43
2	51	15	35	55	3	0	38	2	51	19	35	58	2	0	42
3	22	27	36	47	3	33	24	3	22	32	36	48	3	33	29
3	53	58	36	41	4	6	29	3	54	4	36	40	4	6	35
4	25	9	35	49	4	39	13	4	25	13	35	41	4	39	17
4	55	38	34	9	5	11	16	4	55	40	34	5	5	11	18
5	25	5	32	29	5	42	17	5	25	5	32	26	5	42	17
5	53	35	31	5	0	12	21	5	53	33	31	2	0	12	19

347								348							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	1	1	29	40	0	1	1	0	0	57	29	30	0	0	57
0	28	5	29	42	0	29	33	0	28	0	29	43	0	29	34
0	55	19	30	19	0	58	27	0	55	15	30	21	0	58	23
1	23	3	31	22	1	27	44	1	23	1	31	25	1	27	42
1	51	31	32	51	1	57	46	1	51	31	32	55	1	57	46
2	20	56	34	32	2	28	45	2	20	58	34	36	2	28	47
2	51	23	35	1	3	0	46	2	51	27	36	4	3	0	50
3	22	38	36	49	3	33	35	3	22	42	36	54	3	33	40
3	54	9	36	38	4	6	40	3	54	43	36	37	4	6	45
4	25	17	35	38	4	39	21	4	25	21	35	34	4	39	25
4	55	41	34	1	5	11	59	4	55	43	33	57	5	11	21
5	25	4	32	23	5	42	16	5	25	4	32	19	5	42	16
5	53	30	30	59	0	12	16	5	53	27	30	56	0	12	13

349								350							
Locus ad ☽ ho.					Arg lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	52	79	39	0	0	52	0	0	47	29	38	0	0	47
0	27	55	29	44	0	29	29	0	27	51	29	45	0	29	25
0	55	11	30	23	0	58	19	0	55	7	30	25	0	58	15
1	22	59	31	28	1	27	40	1	22	56	31	31	1	27	37
1	51	30	32	59	1	57	45	1	51	30	33	3	1	57	45
2	21	0	34	40	2	28	49	2	21	2	34	44	2	28	51
2	51	31	36	7	3	0	54	2	51	36	36	9	3	0	59
3	22	49	36	53	3	33	46	3	22	54	36	51	3	33	51
3	54	20	36	35	4	6	51	3	54	25	36	34	4	6	56
4	25	25	35	50	4	39	29	4	25	29	35	26	4	39	33
4	55	45	33	53	5	11	23	4	55	47	33	49	5	11	25
5	25	3	32	15	5	42	15	5	25	2	32	11	5	42	14
5	53	25	30	53	0	12	11	5	53	22	30	50	0	12	8

351								352							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	42	29	38	0	0	42	0	0	38	29	38	0	0	38
0	27	46	29	46	0	29	20	0	27	42	29	47	0	29	16
0	55	3	30	27	0	58	11	0	55	4	30	27	0	58	8
1	22	54	31	34	1	27	35	1	22	52	31	37	1	27	33
1	51	30	33	6	1	57	45	1	51	30	33	10	1	57	45
2	21	4	34	48	2	28	53	2	21	7	34	51	2	28	56
2	51	40	36	12	3	1	3	2	51	45	36	14	3	1	8
3	23	0	36	51	3	33	57	3	23	6	36	51	3	34	3
3	54	30	36	33	4	7	1	3	54	36	36	30	4	7	7
4	25	33	35	23	4	39	37	4	25	37	35	19	4	39	41
4	55	48	33	45	5	11	26	4	55	50	33	41	5	11	28
5	25	2	32	8	5	42	14	5	25	1	32	·4	5	42	13
5	53	19	30	47	0	12	5	5	53	17	30	45	0	12	3

353								354							
Locus ad ☽ ho.					Arg. lati.			Locus ad ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	33	29	38	0	0	33	0	0	28	29	38	0	0	28
0	27	37	29	48	0	29	11	0	27	32	29	50	0	29	6
0	54	56	30	32	0	58	4	0	54	53	30	34	0	58	1
1	22	50	31	40	1	27	31	1	22	48	31	44	1	27	29
1	51	30	33	14	1	57	45	1	51	30	33	18	1	57	45
2	21	10	34	55	2	28	59	2	21	12	34	58	2	29	1
2	51	49	36	12	3	1	12	3	51	54	36	19	3	1	17
3	23	11	36	51	3	34	8	3	23	17	36	51	3	34	14
3	54	41	36	28	4	7	12	3	54	46	36	25	4	7	17
4	25	40	35	16	4	39	44	4	25	44	35	12	4	39	48
4	55	51	33	37	5	11	29	4	55	52	33	33	5	11	30
5	25	0	32	1	5	42	12	5	24	59	31	58	5	42	11
5	53	13	30	43	0	11	59	5	53	10	30	40	0	11	56

355								356							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	24	29	38	0	0	24	0	0	19	29	38	0	0	19
0	27	28	29	51	0	29	2	0	27	23	29	52	0	28	57
0	54	49	30	36	0	57	57	0	54	46	30	39	0	57	54
1	22	46	31	47	1	27	27	1	22	44	31	50	1	27	25
1	51	31	33	22	1	57	46	1	51	31	33	26	1	57	46
2	21	15	35	2	2	29	4	2	21	18	35	5	2	29	7
2	51	58	36	22	3	1	21	2	52	3	36	24	3	1	26
3	23	22	36	51	3	34	19	3	23	28	36	51	3	34	25
3	54	51	36	23	4	7	22	3	54	56	36	21	4	7	27
4	25	47	35	7	1 4	39	5	4	25	51	35	5	4	39	55
4	55	53	33	29	5	11	31	4	55	54	33	25	5	11	32
5	24	57	31	54	5	42	9	5	24	56	31	51	5	42	8
5	53	7	30	38	0	11	53	0	53	4	30	35	0	11	50

357								358							
Locus ad ☽ o.					Arg. lati.			Locus ad' ☽ ho.					Arg. lati.		
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	14	29	38	0	0	14	0	0	10	29	38	0	0	10
0	27	19	29	53	0	28	53	0	27	14	29	54	0	28	48
0	54	42	30	41	0	57	50	0	54	10	30	43	0	57	47
1	22	42	31	53	1	27	23	1	22	40	31	56	1	27	21
1	51	31	33	30	1	57	46	1	51	32	33	33	1	57	47
2	21	21	35	9	2	29	10	2	21	24	35	13	2	29	13
2	52	8	36	26	3	1	31	2	52	13	36	28	3	1	36
3	23	34	36	51	3	34	3	3	23	34	36	51	3	34	37
3	55	1	36	18	4	7	32	3	55	6	36	16	4	7	37
4	25	54	35	2	4	39	58	4	25	57	34	58	4	40	1
4	55	55	33	21	5	11	33	4	55	56	33	17	5	11	34
5	24	55	31	47	5	42	7	5	24	53	31	44	5	42	5
5	53	1	30	33	0	11	47	5	52	58	30	31	0	11	44

359								360							
S	g	m	m	2	S	g	m	S	g	m	m	2	S	g	m
0	0	5	29	38	0	0	5	0	0	0	29	37	0	0	0
0	27	10	29	55	0	28	44	0	27	6	29	57	0	28	40
0	54	35	30	41	0	57	43	0	54	32	30	48	0	57	40
1	22	39	32	0	1	27	20	1	22	37	32	9	1	27	18
1	51	32	33	37	1	57	47	1	51	33	33	41	1	57	48
2	21	26	35	16	2	29	15	2	21	29	35	19	2	29	18
2	52	18	36	30	3	1	41	2	52	23	36	32	3	1	46
3	23	45	36	51	3	34	42	3	23	51	36	53	3	34	48
3	55	11	36	14	4	7	42	3	55	16	36	11	4	7	47
4	26	0	34	55	4	40	4	4	26	4	34	51	4	40	8
4	55	57	33	13	5	11	35	4	55	58	33	10	5	11	36
5	24	52	31	40	5	42	4	5	24	50	31	37	5	42	2
5	53	55	30	29	0	11	41	5	53	51	30	27	0	11	37

Tabula proportionum

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2	0	2	0	4	0	6	0	8	0	10	0	12	0	14	0	16	0	18	0	20
3	0	3	0	6	0	9	0	12	0	15	0	18	0	21	0	24	0	27	0	30
4	0	4	0	8	0	12	0	16	0	20	0	24	0	28	0	32	0	36	0	40
5	0	5	0	10	0	15	0	20	0	25	0	30	0	35	0	40	0	45	0	50
6	0	6	0	12	0	18	0	24	0	30	0	36	0	42	0	48	0	54	1	0
7	0	7	0	14	0	21	0	28	0	35	0	42	0	49	0	56	1	3	1	10
8	0	8	0	16	0	24	0	32	0	40	0	48	0	56	1	4	1	12	1	20
9	0	9	0	18	0	27	0	36	0	45	0	54	1	3	1	12	1	21	1	30
10	0	10	0	20	0	30	0	40	0	50	1	0	1	10	1	20	1	30	1	40
11	0	11	0	22	0	33	0	44	0	55	0	6	1	17	1	28	1	39	1	50
12	0	12	0	24	0	36	0	48	1	0	1	12	1	24	1	36	1	48	2	0
13	0	13	0	26	0	39	0	52	1	5	1	18	1	31	1	44	1	57	2	10
14	0	14	0	28	0	42	0	56	1	10	1	24	1	38	1	52	2	6	2	20
15	0	15	0	30	0	45	1	0	1	15	1	30	1	45	2	0	2	15	2	30
16	0	16	0	32	0	48	1	4	1	20	1	36	1	52	2	8	2	24	2	40
17	0	17	0	34	0	51	1	8	1	25	1	42	1	59	2	16	2	33	2	50
18	0	18	0	36	0	54	1	12	1	30	1	48	3	6	2	24	2	42	3	0
19	0	19	0	38	0	57	1	16	1	35	1	54	2	13	2	32	2	51	3	10
20	0	20	0	40	1	0	1	20	1	40	2	0	2	20	2	40	3	0	3	20
21	0	21	0	42	1	3	1	24	1	45	2	6	2	27	2	48	3	9	3	30
22	0	22	0	44	1	6	1	28	1	50	2	12	2	34	2	56	3	18	3	40
23	0	23	0	46	1	9	1	32	1	55	2	18	2	41	3	4	3	27	3	50
24	0	24	0	48	1	12	1	36	2	0	2	24	2	48	3	12	3	36	4	0
25	0	25	0	50	1	15	1	40	2	5	2	30	2	55	3	20	3	45	4	10
26	0	26	0	52	1	18	1	44	2	10	2	36	3	2	3	28	3	54	4	20
27	0	27	0	54	1	21	1	48	2	15	2	42		93	3	36	4	3	4	30
28	0	28	0	56	1	24	1	52	2	20	2	48	3	16	3	44	4	12	4	40
29	0	29	0	58	1	27	2	56	2	25	2	54	3	23	3	52	4	21	4	50
30	0	30	1	0	1	30	2	0	2	30	3	0	3	30	4	0	4	30	5	0

	1		2		3		4		5		6		7		8		9		10	
31	0	31	1	2	1	33	2	4	2	35	3	6	3	37	4	8	4	38	5	10
32	0	32	1	4	1	36	2	8	2	40	3	12	3	44	4	16	4	47	5	20
33	0	33	1	6	1	39	2	12	2	45	3	18	3	51	4	24	4	57	5	30
34	0	34	1	8	1	42	2	16	2	50	3	24	3	58	4	32	5	6	5	40
35	0	35	1	10	1	45	2	20	2	55	3	30	4	5	4	40	5	15	5	50
36	0	36	1	12	1	48	2	24	3	0	3	36	4	12	4	48	2	24	6	0
37	0	37	1	14	1	51	2	28	3	5	3	42	4	19	4	56	5	33	6	10
38	0	38	1	16	1	54	2	32	3	10	3	48	4	26	5	4	5	42	6	20
39	0	39	1	18	1	57	2	36	3	15	3	54	4	33	5	12	5	51	6	30
40	0	40	1	20	2	0	2	40	3	20	4	0	4	40	5	20	6	0	6	40
41	0	41	1	22	2	3	2	44	3	25	4	6	4	47	5	28	6	9	6	50
42	0	42	1	24	2	6	2	48	3	30	4	12	4	54	5	36	6	18	7	0
43	0	43	1	26	2	9	2	52	3	35	4	18	5	1	5	44	6	27	7	10
44	0	44	1	28	2	12	2	56	3	40	4	24	5	8	5	52	6	36	7	20
45	0	45	1	30	2	15	3	0	3	45	4	30	5	15	6	0	6	45	7	30
46	0	46	1	32	2	18	3	4	3	50	4	36	5	22	6	8	6	54	7	40
47	0	47	1	34	2	21	3	8	3	55	4	42	2	29	6	16	7	3	7	30
48	0	48	1	36	2	24	3	12	4	0	4	48	5	36	6	24	7	12	8	0
49	0	49	1	38	2	27	3	16	4	5	4	54	5	43	6	32	7	21	8	10
50	0	50	1	40	2	30	3	20	4	10	5	0	5	50	6	40	7	30	8	20
51	0	51	1	42	2	33	3	24	4	15	5	6	5	57	6	48	7	39	8	30
52	0	52	1	44	2	36	3	28	4	20	5	12	6	4	6	56	7	48	8	40
53	0	53	1	46	2	39	3	32	4	25	5	18	6	11	7	4	7	57	8	50
54	0	54	1	48	2	42	3	36	4	30	5	24	6	18	7	12	8	6	9	0
55	0	55	1	50	2	45	3	40	4	35	5	30	6	25	7	20	8	15	9	10
56	0	56	1	52	2	48	3	44	4	40	5	36	6	32	7	28	8	24	9	20
57	0	57	1	54	2	51	3	48	4	45	5	42	6	39	7	36	8	33	9	30
58	0	58	1	56	2	54	3	52	4	50	5	48	6	46	7	44	8	42	9	40
59	0	59	1	58	2	57	3	56	4	55	5	54	6	53	7	52	8	51	9	50
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Tabula proportionum

	11		12		13		14		15		16		17		18		19		20	
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2	0	22	0	24	0	26	0	28	0	30	0	32	0	34	0	36	0	38	0	40
3	0	33	0	36	0	39	0	42	0	45	0	48	0	51	0	54	0	57	1	0
4	0	44	0	48	0	52	0	56	1	0	1	4	1	8	1	12	1	16	1	20
5	0	55	1	0	1	5	1	10	1	15	1	20	1	25	1	30	1	35	1	40
6	1	6	1	12	1	18	1	24	1	30	1	36	1	42	1	48	1	54	2	0
7	1	17	1	24	1	31	1	38	1	45	1	52	1	59	2	6	2	13	2	20
8	1	28	1	36	1	44	1	52	2	0	2	8	2	16	2	24	2	32	2	40
9	1	39	1	48	1	57	2	6	2	15	2	24	2	33	2	42	2	51	3	0
10	1	50	2	0	2	10	2	20	2	30	2	40	2	50	3	0	3	10	3	20
11	2	1	2	12	2	23	2	34	2	45	2	56	3	7	3	18	3	29	3	40
12	2	12	2	24	2	36	2	48	3	0	3	12	3	24	3	36	3	48	4	0
13	2	23	2	36	2	49	3	2	3	15	3	28	3	41	3	54	4	7	4	20
14	2	34	2	48	3	2	3	16	3	30	3	44	3	58	4	12	4	26	4	40
15	2	45	3	0	3	15	3	30	3	45	4	0	4	15	4	30	4	45	5	0
16	2	56	3	12	3	28	3	44	4	0	4	16	4	32	4	48	5	4	5	20
17	3	7	3	24	3	41	3	58	4	15	4	32	4	49	5	6	5	23	5	40
18	3	18	3	36	3	54	4	12	4	30	4	48	5	6	5	24	5	42	6	0
19	3	29	3	48	4	7	4	26	4	45	5	4	5	23	5	42	6	1	6	20
20	3	40	4	0	4	20	4	40	5	0	5	20	5	40	6	0	6	20	6	40
21	3	51	4	12	4	33	4	54	5	15	5	36	5	57	6	18	6	39	7	0
22	4	2	4	24	4	46	5	8	5	30	5	52	6	14	3	36	6	58	7	20
23	4	13	4	36	4	59	5	22	5	45	6	8	6	31	6	54	7	17	7	40
24	4	24	4	48	5	12	5	36	6	0	6	24	6	48	7	12	7	36	8	0
25	4	35	5	0	5	25	5	50	6	15	6	40	7	5	7	30	7	55	8	20
26	4	46	5	12	5	38	6	4	6	30	6	56	7	22	7	48	8	14	8	40
27	4	57	5	24	5	51	6	18	6	45	7	12	7	39	8	6	8	33	9	0
28	5	8	5	36	6	4	6	32	7	0	7	28	7	56	8	24	8	52	9	20
29	5	9	5	48	6	17	6	46	7	15	7	44	8	13	8	42	9	11	9	40
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Tabula proportionum

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31	5 41	6 12	6 43	7 14	7 45	8 16	8 47	9 18	9 49	10 20
32	5 52	6 24	6 56	7 28	8 0	8 32	9 4	9 36	10 8	10 40
33	6 3	6 36	7 9	7 42	8 15	8 48	9 21	9 54	10 27	11 0
34	6 14	6 48	7 22	7 56	8 30	9 4	9 38	10 12	10 46	11 20
35	6 25	7 0	7 35	8 10	8 45	9 20	9 55	10 30	11 5	11 40
36	6 36	7 12	7 48	8 24	9 0	9 36	10 12	10 48	11 24	12 0
37	6 47	7 24	8 1	8 38	9 15	9 52	10 29	11 6	11 43	12 20
38	6 58	7 35	8 14	8 52	9 30	10 8	10 45	11 24	12 2	12 40
39	7 9	7 48	8 27	9 6	9 45	10 24	11 3	11 42	12 21	13 0
40	7 20	8 0	9 50	9 20	10 0	10 40	11 20	12 0	12 40	13 20
41	7 31	8 12	8 53	9 34	10 15	10 56	11 37	12 18	12 59	13 40
42	7 42	8 24	9 6	9 48	10 30	11 12	11 54	12 36	13 18	14 0
43	7 53	8 36	9 19	10 2	10 45	11 28	12 11	12 54	13 37	14 20
44	8 4	8 48	9 32	10 16	11 0	11 44	12 28	13 12	13 56	14 40
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Tabula proportionum

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Tabula proportionum

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Tabula proportionum

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¶ Tabula proportionum

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Tabula proportionum

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Tabula proportionum

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14	7 42 0	7 44 20	7 46 40	7 49 0	7 51 20	7 53 40
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Tabula proportionum

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Tabula proportionum

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6	3	36	0	3	37	0	3	38	0	3	39	0	3	40	0	3	41	0
7	4	12	0	4	13	10	4	14	20	4	15	30	4	16	40	4	17	50
8	4	48	0	4	49	20	4	50	40	4	52	0	4	53	20	4	54	40
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14	8	24	0	8	26	20	8	28	40	8	31	0	8	33	20	8	35	40
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Tabula proportionum

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41	24	36	0	24	42	50	24	49	40	24	56	30	25	3	20	25	10	10
42	25	12	0	25	19	0	25	26	0	25	33	0	25	40	0	25	47	0
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Tabula proportionum

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Tabula proportionum

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7	4	26	4	33	4	40	4	47	4	54	5	1	5	8	5	15	5	22	5	29	5	36
8	5	4	5	12	5	20	5	28	5	36	5	44	5	52	6	0	6	8	6	16	6	24
9	5	42	5	51	6	0	6	9	6	18	6	27	6	36	6	45	6	54	7	3	7	12
10	6	20	6	30	6	40	6	50	7	10	9	10	7	20	7	30	7	40	7	50	8	0
11	6	58	7	9	7	20	7	31	7	42	7	53	8	4	8	15	8	26	8	37	8	48
12	7	36	7	48	8	0	8	12	8	24	8	36	8	48	9	0	9	12	9	24	9	36
13	8	14	8	27	8	40	8	53	9	6	9	19	9	32	9	45	9	58	10	11	10	24
14	8	52	9	6	9	20	9	34	9	48	10	2	10	16	10	30	10	44	10	58	11	12
15	9	30	9	45	19	0	10	15	10	30	10	45	11	0	11	15	11	30	11	45	12	0
16	10	8	10	24	10	40	10	56	11	12	11	28	11	44	12	0	12	16	12	32	12	48
17	10	40	11	3	11	20	11	37	11	54	12	11	12	28	12	45	13	2	13	19	13	36
18	11	24	11	42	12	0	12	18	12	36	12	54	13	12	13	30	13	48	14	6	14	24
19	12	2	12	21	12	40	12	59	13	18	13	37	13	56	14	15	14	34	14	53	15	12
20	12	40	13	0	13	20	13	40	14	0	14	20	14	40	15	0	15	20	15	40	16	0
21	13	18	13	39	14	0	14	21	14	42	15	3	15	24	15	45	16	6	16	27	16	48
22	13	56	14	18	14	40	15	2	15	24	15	46	16	8	16	30	16	52	17	14	17	36
23	14	34	14	57	15	20	15	43	16	6	16	29	16	52	17	15	17	38	18	1	18	24
24	15	12	15	36	16	0	16	24	16	48	17	12	17	36	18	0	18	24	18	48	19	12
25	15	50	16	15	16	40	17	5	17	30	17	55	18	20	18	45	19	10	19	35	20	0
26	16	28	16	54	17	20	17	46	18	12	18	38	19	4	19	30	19	56	20	22	20	48
27	17	6	17	33	18	0	18	27	18	54	19	21	19	48	20	15	20	42	21	9	21	36
28	17	44	18	12	18	40	19	8	19	36	20	4	20	32	21	0	21	28	21	56	22	24
29	18	22	18	51	19	20	19	49	20	18	20	47	21	16	21	45	22	14	22	43	23	12
30	19	0	19	30	20	0	20	30	21	0	21	30	22	0	22	30	23	0	23	30	24	0

Tabula proportionum

	38		39		40		41		42		43		44		45		46		47		48	
31	19	38	20	9	20	40	21	11	21	42	22	13	22	44	23	15	23	46	24	17	24	48
32	20	16	20	48	21	20	21	52	22	24	22	56	24	28	24	0	24	32	25	4	25	36
33	20	54	21	27	22	0	22	23	23	6	23	39	24	12	24	45	25	18	25	51	26	24
34	21	32	22	6	22	40	23	14	23	48	24	22	24	56	25	30	25	4	26	38	27	12
35	22	10	22	45	23	20	23	45	24	30	25	5	25	40	26	15	26	50	27	25	28	0
36	22	48	23	24	24	0	24	36	25	12	25	45	26	24	27	0	27	36	28	12	28	48
37	23	26	24	3	24	40	25	17	25	54	26	31	27	8	27	45	28	22	28	59	29	36
38	24	4	24	42	25	20	25	58	26	36	27	14	27	52	28	30	29	8	29	46	30	24
39	24	42	25	21	26	0	26	39	27	18	27	57	28	36	29	15	29	54	30	33	31	12
40	25	20	26	0	26	40	27	20	28	0	28	40	29	20	30	0	30	40	31	20	32	0
41	25	58	26	39	27	20	28	1	28	42	29	23	30	4	30	45	31	26	32	7	32	48
42	26	36	27	18	28	0	28	42	29	24	30	6	30	48	31	30	32	12	32	54	33	36
43	27	14	27	57	28	40	29	23	30	6	30	49	31	32	32	15	22	58	33	41	34	24
44	27	52	28	36	29	20	30	4	30	48	31	32	32	16	33	0	33	44	34	28	35	12
45	28	30	29	15	30	0	30	45	31	30	31	15	33	0	33	45	34	30	35	15	36	0
46	29	8	29	59	30	40	31	26	32	12	32	58	33	44	34	30	35	16	36	2	36	48
47	29	46	30	33	31	20	32	7	32	54	33	41	34	28	35	15	36	4	36	49	37	36
48	30	24	31	12	32	40	32	48	33	36	34	24	35	12	36	0	36	48	37	36	38	24
49	31	2	31	51	32	70	33	29	34	18	35	7	35	56	36	45	37	34	38	23	39	12
50	31	40	32	30	33	20	34	10	35	0	35	50	36	40	37	30	38	20	39	10	40	0
51	32	18	33	9	34	0	34	51	35	42	36	33	37	24	38	15	39	6	39	57	40	48
52	32	56	33	48	34	40	35	32	36	24	37	16	38	8	39	0	39	52	40	44	41	36
53	33	34	34	27	35	20	36	13	37	6	37	59	38	52	39	45	40	38	41	31	42	24
54	34	12	35	6	36	0	36	54	37	48	38	42	39	36	40	30	41	24	42	18	43	12
55	39	50	35	45	36	40	37	35	38	30	39	25	40	20	41	15	42	10	43	5	44	0
56	35	28	36	24	37	20	38	16	39	12	40	8	41	4	42	0	42	56	43	52	44	48
57	36	6	37	3	38	0	38	57	39	54	40	51	41	48	42	45	43	42	44	39	4	36
58	36	44	37	42	38	40	39	38	40	36	41	34	42	32	43	30	44	28	45	26	46	24
59	37	22	38	21	39	20	40	19	41	18	42	17	43	16	44	15	45	14	46	13	44	12
60	38	0	39	0	40	0	41	0	42	0	43	0	44	0	45	0	46	0	47	0	48	0

Tabula proportionum

	49	50	51	52	53	54	55	56	57	58	59
1	0 49	0 50	0 51	0 52	0 53	0 54	0 55	0 56	0 57	0 58	0 59
2	1 38	1 40	1 42	1 44	1 46	1 48	1 50	1 52	1 54	1 56	1 58
3	2 27	2 30	2 33	2 36	2 39	2 42	2 45	2 48	2 51	2 54	2 57
4	3 16	3 20	3 24	3 28	3 32	3 36	3 40	3 44	3 48	3 52	3 56
5	4 5	4 10	4 15	4 20	4 25	4 30	4 35	4 40	4 45	4 50	4 55
6	4 54	5 0	5 6	5 12	5 18	5 24	5 30	5 36	5 42	5 48	5 54
7	5 43	5 50	5 57	6 4	6 11	6 18	6 25	6 32	6 39	6 46	6 53
8	6 32	6 40	6 48	6 56	7 4	7 12	7 20	7 28	7 36	7 44	7 52
9	7 21	7 30	7 39	7 48	7 57	8 6	8 15	8 24	8 33	8 42	8 51
10	8 10	8 20	8 30	8 40	8 50	9 0	9 10	9 20	9 30	9 40	9 50
11	8 59	9 10	9 21	9 32	9 43	9 54	10 5	10 16	10 27	10 38	10 49
12	9 48	10 0	10 12	10 24	10 36	10 48	11 0	11 12	11 24	11 36	11 48
13	10 37	10 50	11 3	11 16	11 29	11 42	11 55	12 8	12 21	12 34	12 47
14	11 26	11 40	11 54	12 8	12 22	12 36	12 50	13 4	13 18	13 32	13 46
15	12 15	12 30	12 45	13 0	13 15	13 30	13 45	14 0	14 15	14 30	14 45
16	13 4	13 20	13 36	13 52	14 8	14 24	14 40	14 56	15 12	15 38	15 44
17	13 53	14 10	14 27	14 44	15 1	15 15	15 35	15 52	16 6	16 26	16 43
18	14 42	15 0	15 18	15 36	15 54	16 12	16 30	16 48	17 6	17 24	17 42
19	15 31	15 50	16 9	16 28	16 47	17 6	17 25	17 44	18 3	18 22	18 41
20	16 20	16 40	17 0	17 20	17 40	18 0	18 20	18 40	19 0	19 20	19 40
21	17 9	17 30	17 51	18 12	18 33	18 54	19 15	19 36	19 57	20 18	20 39
22	17 58	18 20	18 42	19 4	19 26	19 46	20 10	20 32	20 54	21 16	21 38
23	18 47	19 10	19 33	10 36	20 19	20 42	21 5	21 28	21 51	32 14	22 37
24	19 36	20 0	20 24	20 48	21 12	21 36	22 0	22 24	22 48	23 12	23 36
25	20 25	20 50	21 15	21 40	22 5	22 30	22 55	23 20	23 45	24 10	24 35
26	21 14	21 40	22 6	22 32	22 58	23 24	23 50	24 16	24 42	25 8	25 34
27	22 3	22 30	22 57	23 24	23 51	24 18	24 45	25 12	25 39	26 6	26 33
28	22 52	23 20	23 48	24 16	24 44	25 12	25 40	26 8	26 36	27 4	27 32
29	23 41	24 10	24 39	25 8	25 37	26 9	26 35	27 4	27 33	28 2	28 31
30	24 30	25 0	25 30	26 0	26 30	27 0	27 30	28 0	28 30	29 0	29 30

Tabula proportionum

	49		50		51		52		53		54		55		56		57		58		59	
31	25	19	25	50	26	21	26	52	27	23	27	54	28	25	28	56	29	27	29	58	30	17
32	26	8	26	40	27	12	27	44	28	16	28	48	29	20	29	52	30	24	30	56	31	28
33	26	57	27	30	28	3	28	36	29	9	29	42	30	15	30	48	31	21	31	54	31	27
34	27	46	28	20	28	54	29	28	30	2	30	36	31	10	31	44	32	18	32	52	33	26
35	28	35	29	10	29	45	30	20	30	55	31	30	32	5	32	40	33	15	33	50	34	25
36	29	24	30	0	30	36	31	12	31	48	32	24	33	0	33	36	34	12	34	48	35	24
37	30	16	30	50	31	27	32	4	32	41	33	18	33	55	34	32	35	9	35	46	36	23
38	31	2	31	40	32	18	32	56	33	34	34	12	34	50	25	18	36	6	36	44	37	22
39	31	51	32	30	33	9	33	48	34	27	35	6	35	45	36	24	37	3	37	42	38	21
40	32	40	33	20	34	0	34	40	35	20	36	0	36	40	37	20	38	0	38	40	39	20
41	33	29	34	10	34	51	35	32	36	13	36	54	37	35	38	16	38	57	39	38	40	19
42	34	18	35	0	35	42	36	24	37	6	37	48	38	30	39	12	39	54	40	36	41	18
43	35	7	35	50	36	33	37	16	37	59	38	42	39	25	40	8	40	51	41	34	42	17
44	35	56	36	40	37	24	38	8	38	52	39	36	40	20	41	4	41	48	42	32	43	16
45	36	45	37	30	38	15	39	0	39	45	40	30	41	15	42	0	42	45	43	30	44	15
46	37	34	38	20	39	6	39	52	40	38	41	24	42	10	42	56	43	42	44	28	45	14
47	38	23	39	10	39	57	40	44	41	31	42	18	43	5	43	52	44	39	45	26	46	13
48	39	12	40	0	40	48	41	36	42	24	43	12	44	0	44	48	45	36	46	24	47	12
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51	41	39	42	30	43	21	44	12	45	3	45	54	46	45	47	36	48	27	49	18	50	9
52	42	28	43	20	44	12	45	4	45	56	46	48	47	40	48	32	49	24	50	16	51	8
53	43	17	44	10	45	3	45	56	42	49	47	42	48	35	49	28	50	21	51	14	52	7
54	44	6	45	0	45	54	46	48	47	42	48	36	49	30	50	24	51	18	52	12	53	6
55	54	45	45	50	46	45	47	40	48	35	49	30	50	25	51	20	52	15	53	10	54	5
56	55	44	46	40	47	36	48	32	49	28	50	24	51	20	52	16	53	12	54	8	55	4
57	46	33	47	30	48	27	49	24	50	21	51	18	52	15	53	12	54	9	55	6	56	3
58	47	22	48	20	49	18	50	16	51	14	52	12	53	10	54	8	55	6	56	4	57	2
59	48	11	49	10	50	9	51	8	52	7	53	6	54	5	55	4	56	3	57	2	58	1
60	49	0	50	0	51	0	52	0	53	0	54	0	55	0	56	0	57	0	58	0	59	0

¶ Tabula feriarum aurei numeri ⁊ inditionum

Anni christi		28 Ferie	19 Au.nu. Adde 1	15 Inditio Adde 3
2000		12	5	5
1900		24	0	10
1800		8	14	0
1700		34	9	5
1600		4	4	10
1500		16	18	0
1400		0	13	5
1300		12	8	10
1200		24	3	0
1100		8	17	5
1000		20	12	10
900		4	7	0
800		16	2	5
700		0	16	10
600		12	11	0
500		24	6	5
400		8	1	10
300		20	15	0
200		4	4	5
100		16	16	10
90		6	14	10
80		24	4	5
70		14	13	10
60		4	3	0
50		22	12	5
40		12	2	10
30		2	11	0
20		20	1	5
10		10	10	10
00		0	0	0

Tabula feriarum

Anni		Jan.	Feb.	Mar.	Apri.	Mai.	Jun.
1	b	Sabati	martis	martis	Vene.	Dñica	Merc.
2	a	Dñica	Merc.	Merc.	Sabati	Lune	Jouis
3	g	Lune	Jouis	Jouis	Dñica	martis	Vene.
4	c	martis	Vene.	Sabati	martis	Jouis	Dñica
5	d	Jouis	Dñica	Dñica	Merc.	Vene.	Lune
6	c	Vene.	Lune	Lune	Jouis	Sabati	Merc.
7	b	Sabati	Merc.	martis	Vene.	Dñica	Merc.
8	g	Dñica	Merc.	Jouis	Dñica	martis	Vene.
9	f	martis	Vene.	Vene.	Lune	Merc.	Sabati
10	c	Merc.	Sabati	Sabati	martis	Jouis	Dñica
11	d	Jouis	Dñica	Dñica	Merc.	Vene.	Lune
12	b	Vene.	Lune	martis	Vene.	Dñica	Merc.
13	a	Dñica	Merc.	Merc.	Sabati	Lune	Jouis
14	g	Lune	Jouis	Jouis	Dñica	martis	Vene.
15	f	martis	Vene.	Vene.	Lune	Merc.	Sabati
16	d	Merc.	Sabati	Dñica	Merc.	Vene.	Lune
17	c	Vene.	Lune	Lune	Jouis	Sabati	martis
18	b	Sabati	martis	martis	Venc.	Dñica	Merc.
19	a	Dñicã	Merc.	Merc.	Sabati	Lune	Jouis
20	f	Lune	Jouis	Vene.	Lune	Merc.	Sabati
21	c	Merc.	Sabati	Sabati	martis	Jouis	Dñica
22	d	Jouis	Dñica	Dñica	Merc.	Vene.	Lune
23	c	Vene.	Lune	Lune	Jouis	Sabati	martis
24	a	Sabati	martis	Merc.	Sabati	Lune	Jouis
25	g	Lune	Jouis	Jouis	Dñica	martis	Vene.
26	f	martis	Vene.	Vene.	Lune	Merc.	Sabati
27	c	Merc.	Sabati	Sabati	martis	Jouis	Dñica
28	c	Jouis	Dñica	Lune	Jouis	Sabati	martis

¶ Tabula feriarum

Anni		Juli.	Aug:	Septē	Octob.	Nouēb	Decēb.
1	b	Uene.	Lune	Jouis	Sabati	martis	Jouis
2	a	Sabati	martis	Uene.	Dñica	Merc.	Uene.
3	g	Dñica	Merc.	Sabati	Lune	Jouis	Sabati
4	c	martis	Uene.	Lune	Merc.	Sabati	Lune
5	d	Merc.	Sabati	martis	Jouis	Dñica	martis
6	c	Jouis	Dñica	Merc.	Uene.	Lune	Merc.
7	b	Uene.	Lune	Jouis	Sabati	martis	Jouis
8	g	Dñica	Merc.	Sabati	Lune	Jouis	Sabati
9	f	Lune	Jouis	Dñica	martis	Uene.	Dñica
10	c	martis	Uene.	Lune	Merc.	Sabati	Lune
11	d	Merc.	Sabati	martis	Jouis	Dñica	martis
12	b	Uene.	Lune	Jouis	Sabati	martis	Jouis
13	a	Sabati	martis	Uene.	Dñica	Merc.	Uene.
14	g	Dñica	Merc.	Sabati	Lune	Jouis	Sabati
15	f	Lune	Jouis	Dñica	martis	Uene.	Dñica
16	d	Merc.	Sabati	martis	Jouis	Dñica	martis
17	c	Jouis	Dñica	Merc.	Uene	Lune	Merc.
18	b	Uene.	Lune	Jouis	Sabati	martis	Jouis
19	a	Sabati	martis	Uene.	Dñica	Merc.	Uene.
20	f	Lune	Jouis	Dñica	martis	Uene.	Dñica
21	c	martis	Uene.	Lune	Merc.	Sabati	Lune
22	d	Merc.	Sabati	martis	Jouis	Dñica	martis
23	c	Jouis	Dñica	Merc.	Uene.	Lune	Merc.
24	a	Sabati	martis	Uene.	Dñica	Merc.	Uene.
25	g	Dñica	Merc.	Sabati	Lune	Jouis	Sabati
26	f	Lune	Jouis	Dñica	martis	Uene.	Dñica
27	c	martis	Uene.	Lune	Merc.	Sabati	Lune
28	c	Jouis	Dñica	Merc.	Uene.	Lune	Merc.

Tabula festorum Mobilium

	Aureus numerus	Septua gesima	Quadra gesima	Pasca	Asensio	Penthe costes
	1 4 9	5 fe.	22 fe.			
	12 b	6 fe.	23 fe.	9 Apri.	18 Mai	28 Mai
	2 5 13	22 Ja.	8 fe.			
	16 b	23 Ja.	9 fe.	26 Mar	4 Mai	14 Mai
A	3 6 11	12 fe.				
	14 b 17	13 fe.	1 mar.	16 Apri.	25 Mai	4 Junii
	7 10 15	29 Ja.	15 fe.			
	18 b	30 Ja.	16 fe.	2 Apri.	11 Mai	21 Mai
	8 9	19 fe.				
	b	20 fe.	8 Mar	23 Apri.	1 Junii	11 Junii
	1 9 12	6 fe.	23 fe.			
	17 b	7 fe.	24 fe.	10 Apri.	19 Mai	29 Mai
	2 5 13	23 Ja.	9 fe.			
	16 b	24 Ja.	10 fe.	27 Mar	5 Mai	15 Mai
B	3 6 11	13 fe.				
	14 b	14 fe.	2 Mar	17 Apri.	26 Mai	5 Junii
	4 10 15	30 Ja.	16 fe.			
	18 b	31 Ja.	17 fe.	3 Apri.	12 Mai	22 Mai
	8 19	20 fe.				
	b	21 fe.	9 Mar	24 Apri.	2 Junii	12 Junii
	1 6 9	7 fe.	24 fe.			
	12 b 17	8 fe.	25 fe.	11 Apri.	20 Mai	30 Mai
	2 5 10	24 Ja.	10 fe.			
	13 b 16	25 Ja.	11 fe.	28 Mar	6 Mai	16 Mai
C	3 11 14	14 fe.				
	19 b	15 fe.	3 Mar	18 Apri.	27 Mai	6 Junii
	4 17 15	31 Ja.	17 fe.			
	8 b	1 fe.	18 fe.	4 Apri.	13 Mai	23 Mai
	8	21 fe.				
	b	22 fe.	10 Mar	25 Apri.	3 Junii.	13 Junii.
	1 6 9	8 fe.	25 fe.			
	17 b	9 fe.	26 fe.	12 Apri.	21 Mai	31 Mai
	2 5 10	25 Ja.	11 fe.			
	13 b	26 Ja.	12 fe.	29 Mar	7 Mai	17 Mai

¶ Tabula festorum Mobilium

	Aureus numerus	Septua gesima	Quadra gesima	Pasca	Asensio	Penthe costes
D	3 8 11 14 b 10	15 fe. 16 fe.	4 Mar.	19 Apri.	28 Mai	7 Junii.
	4 7 12 15 b 18	1 fe. 2 fe.	18 fe. 19 fe.	5 Apri.	14 Mai	24 Mai
	16 b	18 Ja. 19 Ja.	4 fe. 5 fe.	22 mar.	30 Apri.	10 Mai
	1 4 7 12 b 15	2 fe. 3 fe.	15 fe. 20 fe.	6 Apri.	15 Mai	25 Mai
	2 10 13 18 b	26 Ja. 27 Ja.	12 fe. 13 fe.	30 Mar	8 Mai	18 Mai
E	3 8 11 19 b	16 fe. 17 fe.	5 Mar	20 Apri.	29 Mai	5 Junii,
	5 16 b	19 Ja. 20 Ja.	5 fe. 6 fe.	23 Mar.	1 Mai	11 Mai
	8 9 14 17 b	9 fe. 10 fe.	26 fe. 27 fe.	13 Apri.	22 Mai	1 Junii
	1 4 12 15 b	3 fe. 4 fe.	20 fe. 21 fe.	7 Apri.	16 Mai	26 Mai
	2 7 10 13 b 18	24 Ja. 28 Ja.	13 fe. 14 fe.	31 Merc.	9 Mai	19 Mai
F	3 6 19 14 b 17	20 fe. 11 fe.	27 fe. 28 fe.	14 Apri.	23 Mai	2 Junii
	5 16 b	20 Ja. 21 Ja.	6 fe. 7 fe.	24 Merc.	2 Mai	12 Mai
	8 19 11 b	17 fe. 18 fe.	6 Mar.	21 Apri.	30 Mai	13 Junii.
	1 4 9 12 b 15	4 fe. 5 fe.	21 fe. 22 fe.	8 Apri.	17 Mai	27 Mai
	2 4 10 18 b	28 Ja. 29 Ja.	14 fe. 15 fe.	1 Apri.	10 Mai	20 Mai
G	3 6 17 14 b	11 fe. 12 fe.	28 fe. 29 fe.	15 Apri.	24 Mai	3 Junii
	8 11 19 b	18 fe. 19 fe.	7 Mar.	22 Apri.	31 Mai	10 Junii
	5 16 b	21 fe. 22 Ja.	Ja. fe. 8 fe.	25 Merc.	3 Mai	13 Mai

Finis

Ad lectorem. Jo. Basilii augustoni epigramma.

Perpetuos quicunq; cupit variosq; recessus
Astrorum: & geminos scire repente polos.
Blanchinum: quem docta tulit sibi felsina: claris
Unum pro cunctis eligat astrologis:
Hic erit auspiciis lector tibi candide nostris
Acer: & illesus: qui modo mancus erat.
Forsitan exquires quid prestent sidera: divum:
Consilia atq; animos noscere posse sacros.
Quid possunt igitur nobis dare numina maius:
Inclyta: iam sileat pfida lingua loqui:

¶ Notandum q tabule nõnulle videlicet equationũ & latitudinum quarũ operationes canones explicãt cũ qa absq; illis ex tabulis ,p[ri]us Blanchini equatiões, & latitudines planetarũ haberi possint Ille quasi frustra supflueq; videbant apposite & eedẽ iãdudũ partim impresse apud alfonsũ circũferunt partimq; scripte apud alios vulgo inueniũt cõsulto omisse sunt. Tabule tñ equationũ domorũ & revolutionum tabulis primi mobilis interserere decreuimus consulentes cõmoditati.



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Registrũ canonũ.

A B sũt q̃terni C q̃nternus

Registrum Tabularũ

a b c d e f g h i k l m n o
p q r s t v x y z & ɔ ꝛ
A B C D E F G H I
K L M N O Omnes isti sunt quaterni pter O q̃ ẽ ternus.

